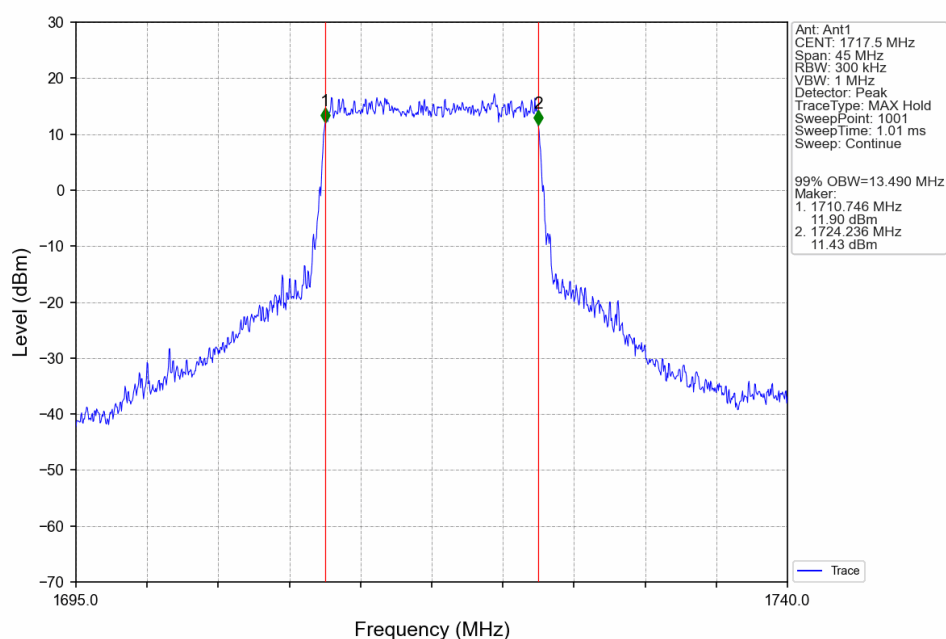


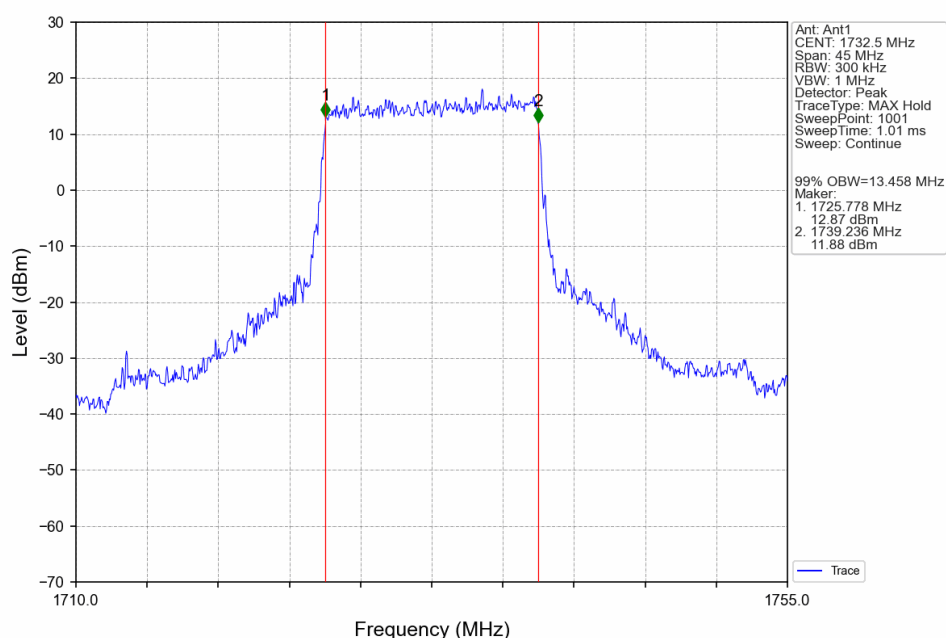


Test Report No.: RF260330B003

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



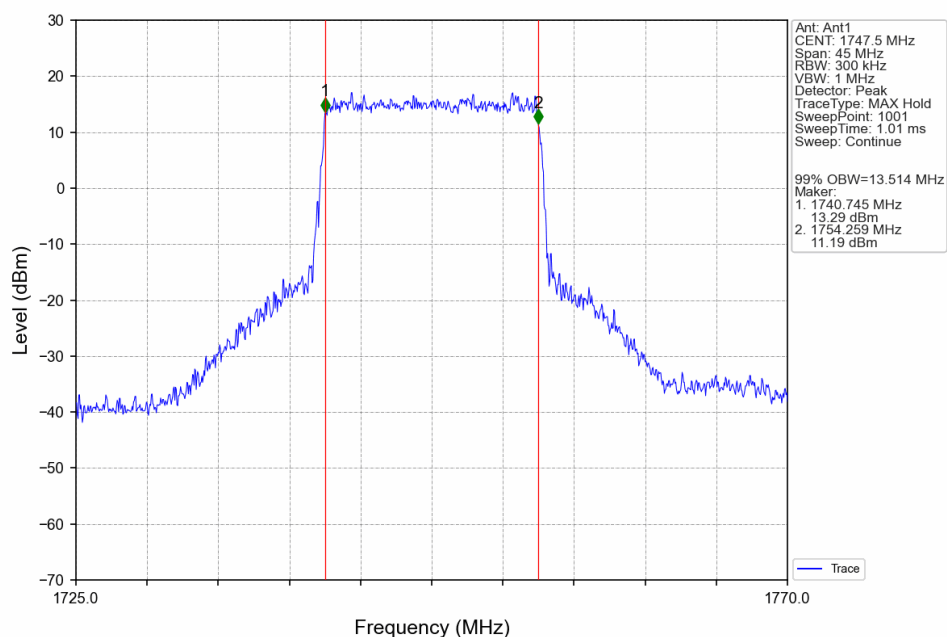
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



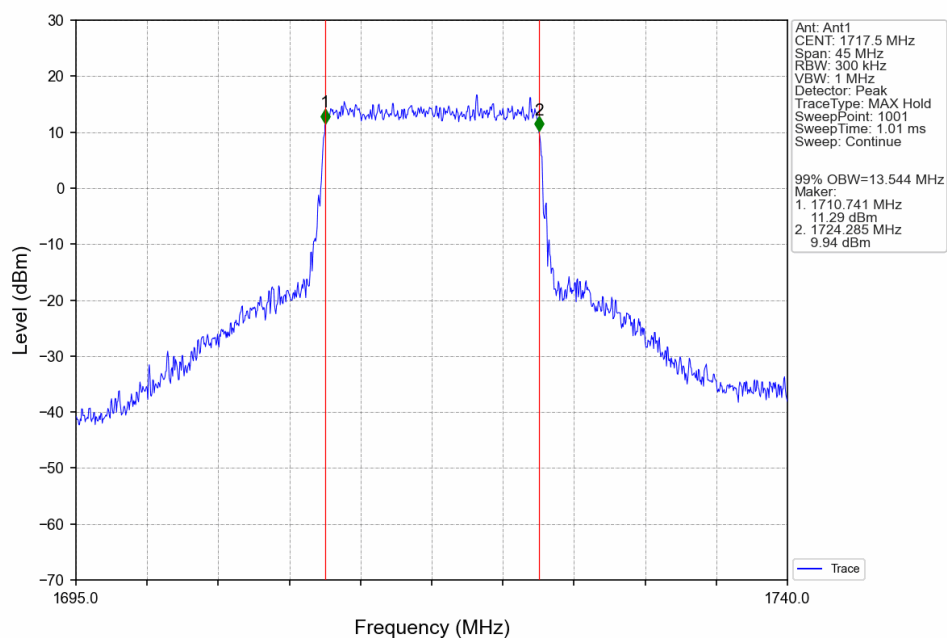


Test Report No.: RF260330B003

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



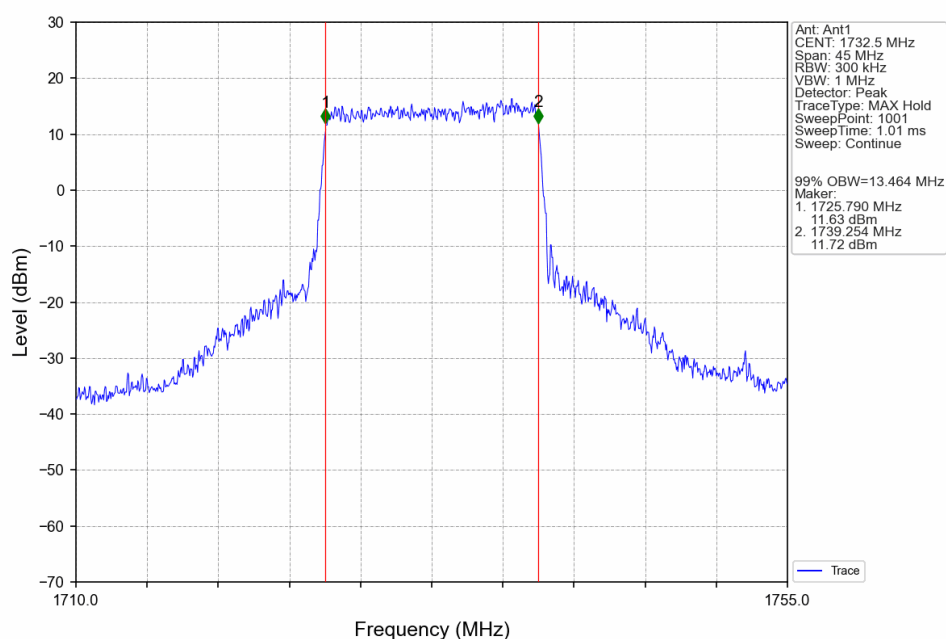
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



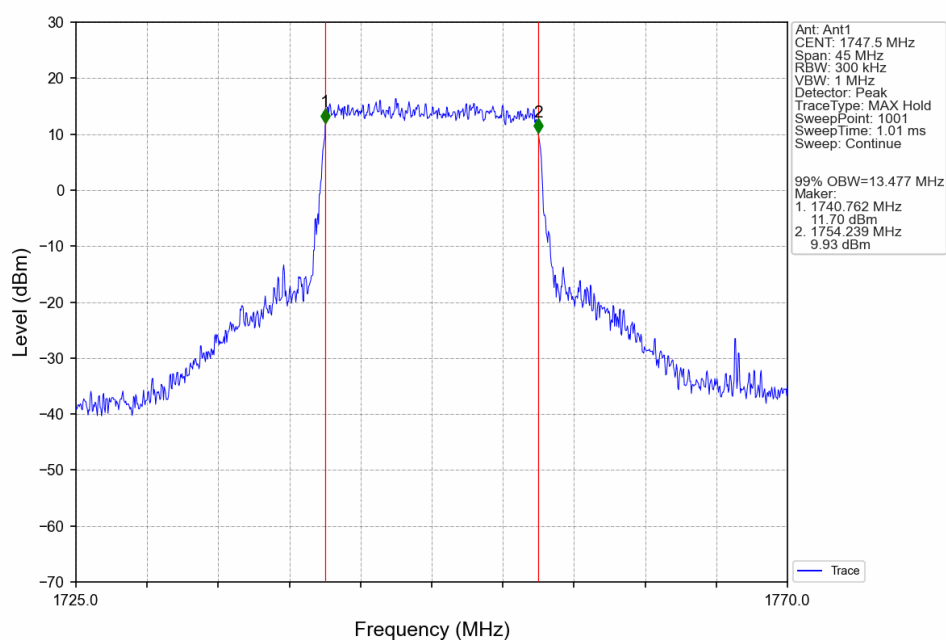


Test Report No.: RF260330B003

Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

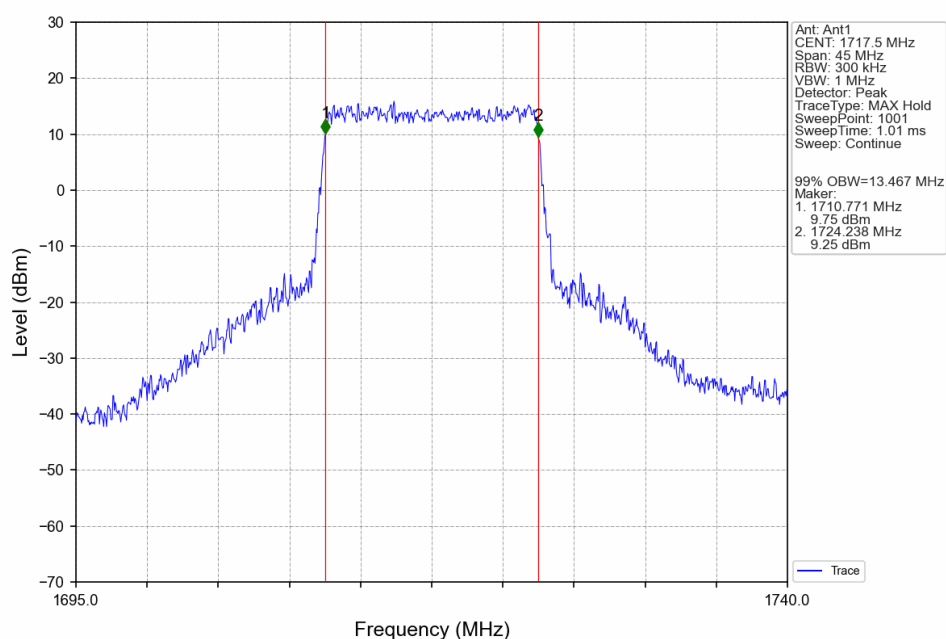


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

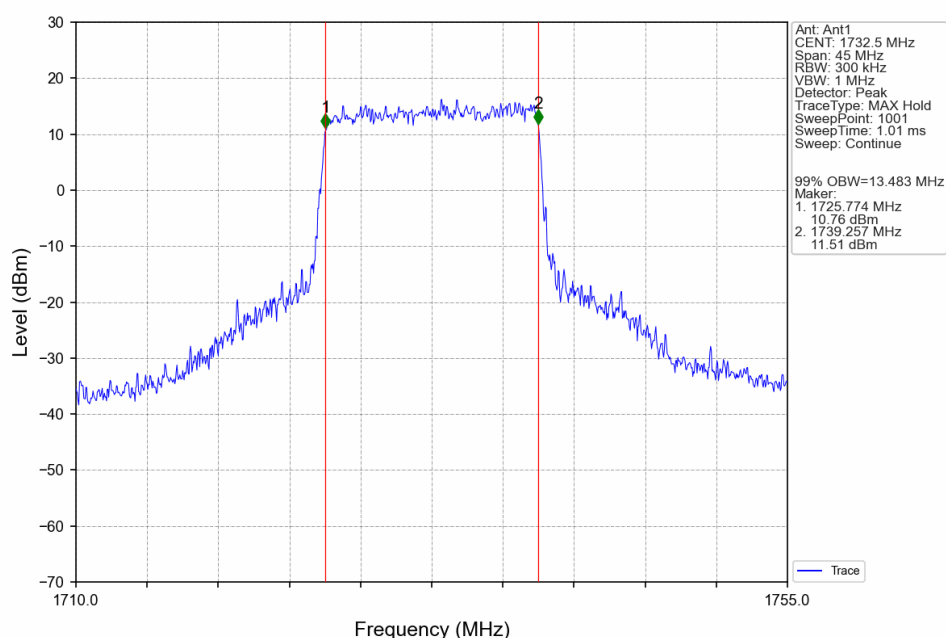


Test Report No.: RF260330B003

Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



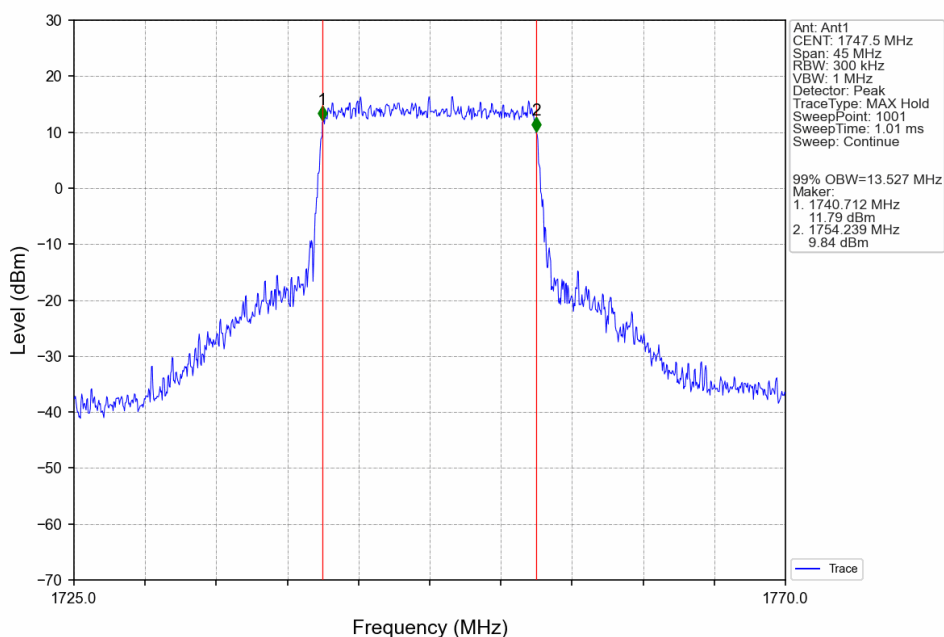
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



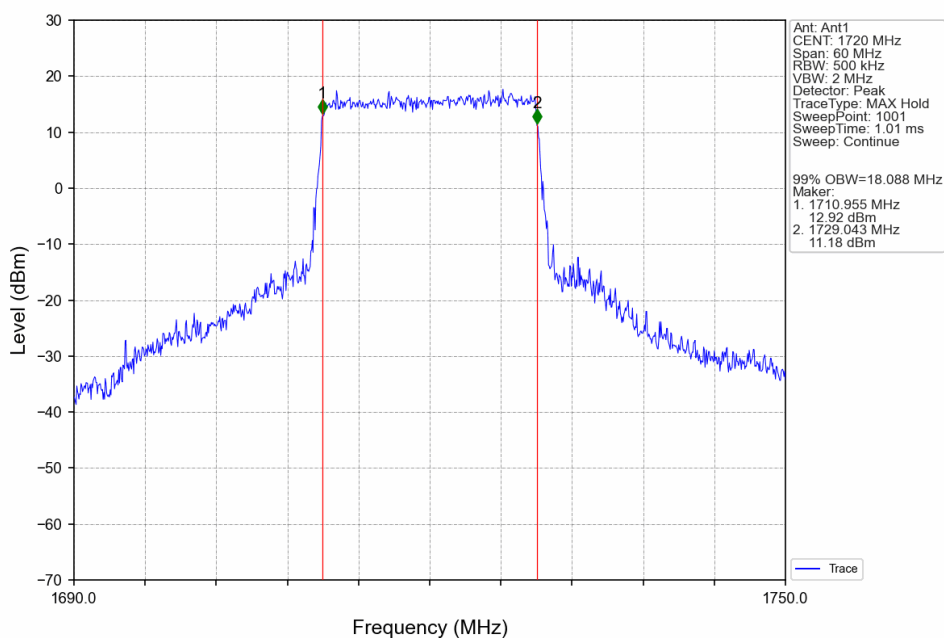


Test Report No.: RF260330B003

Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



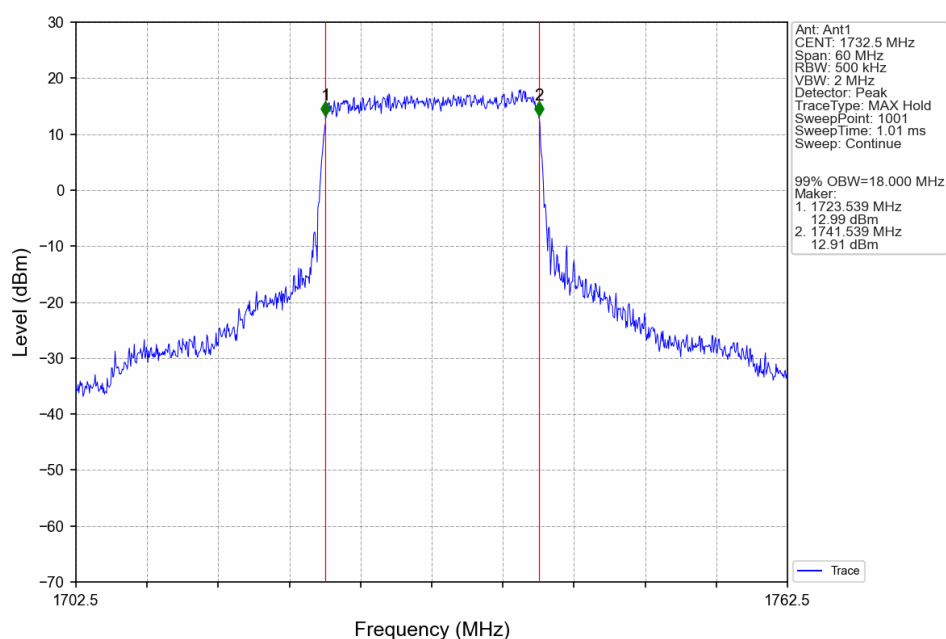
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



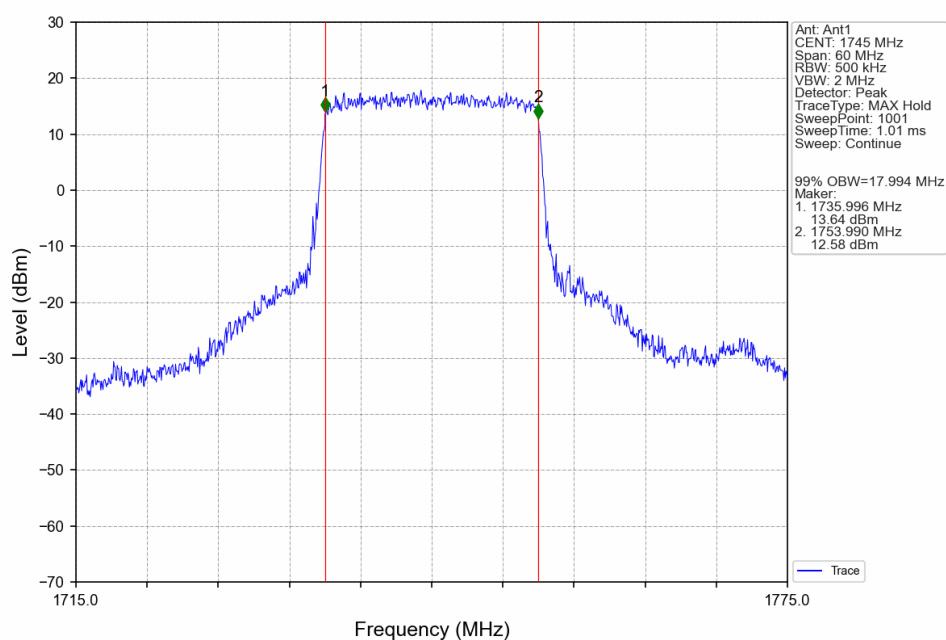


Test Report No.: RF260330B003

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



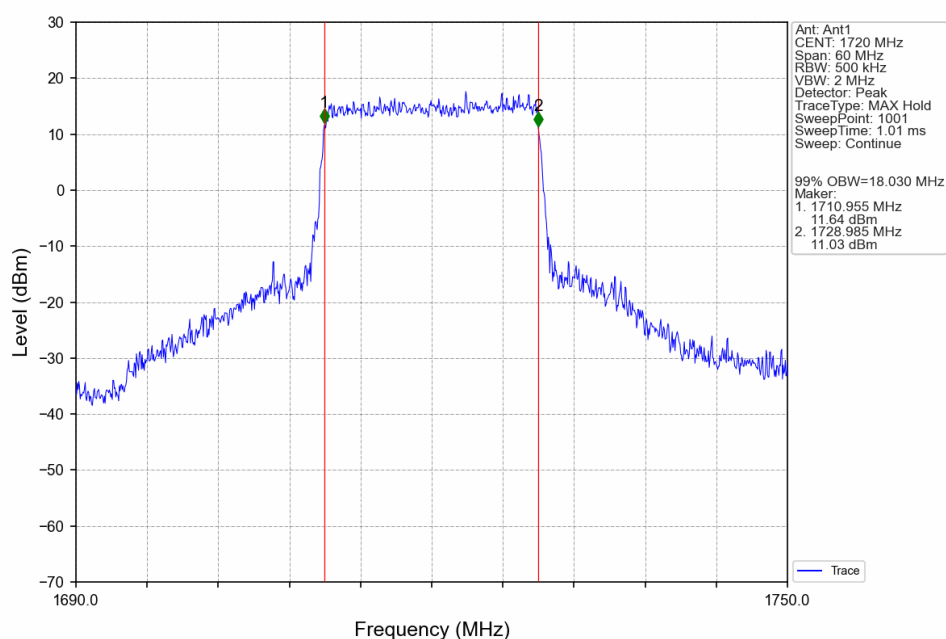
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



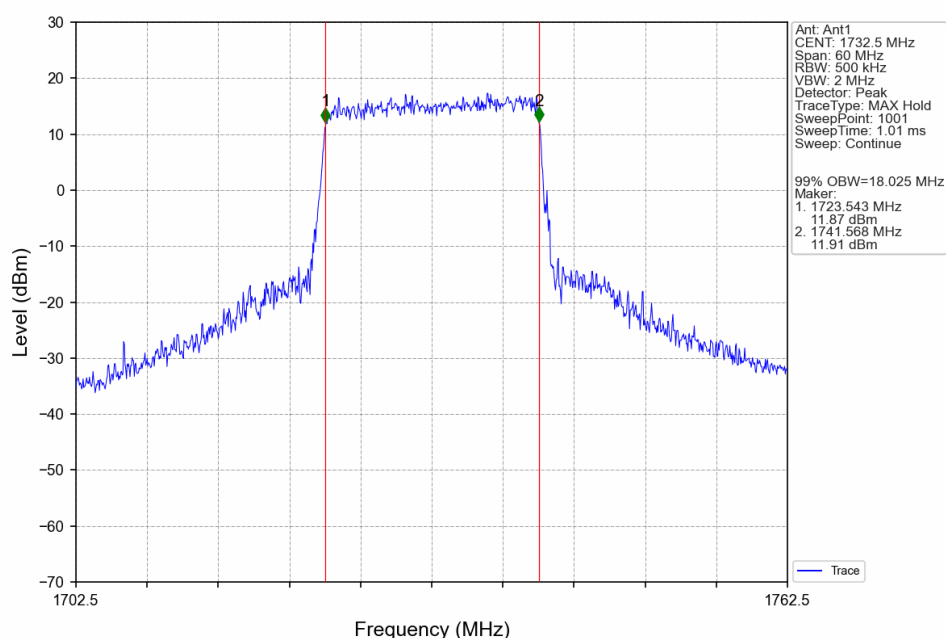


Test Report No.: RF260330B003

Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

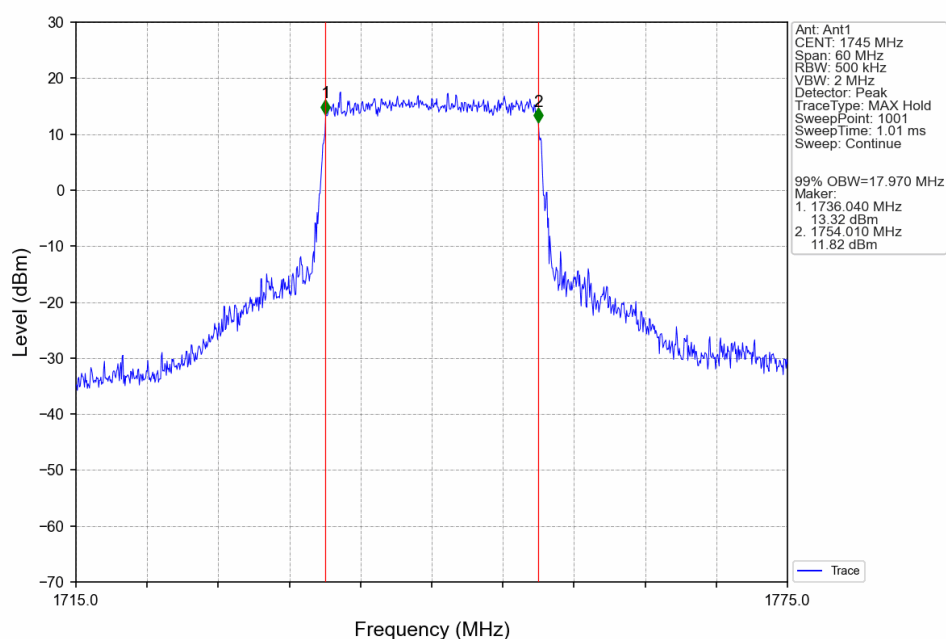


Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

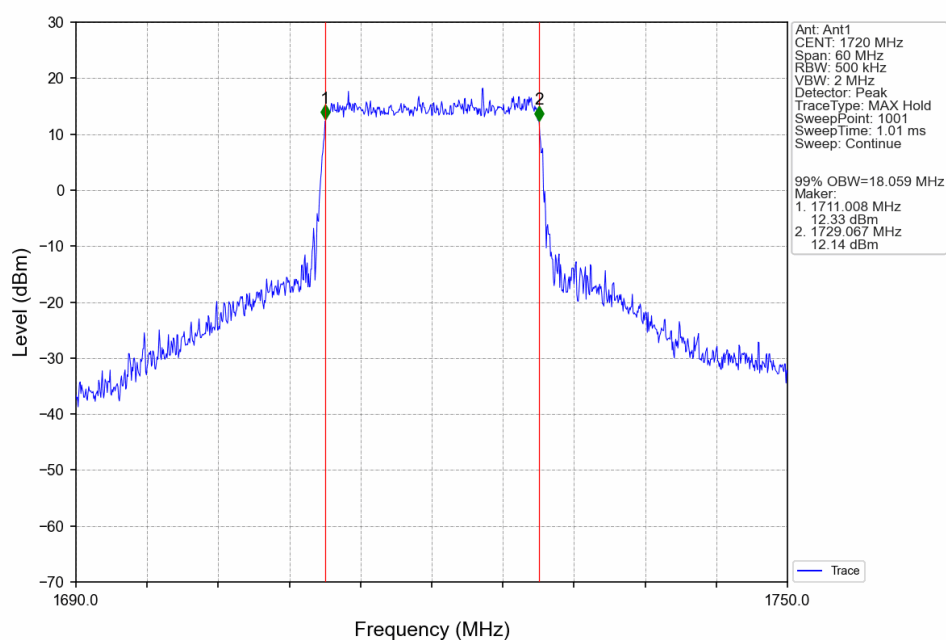


Test Report No.: RF260330B003

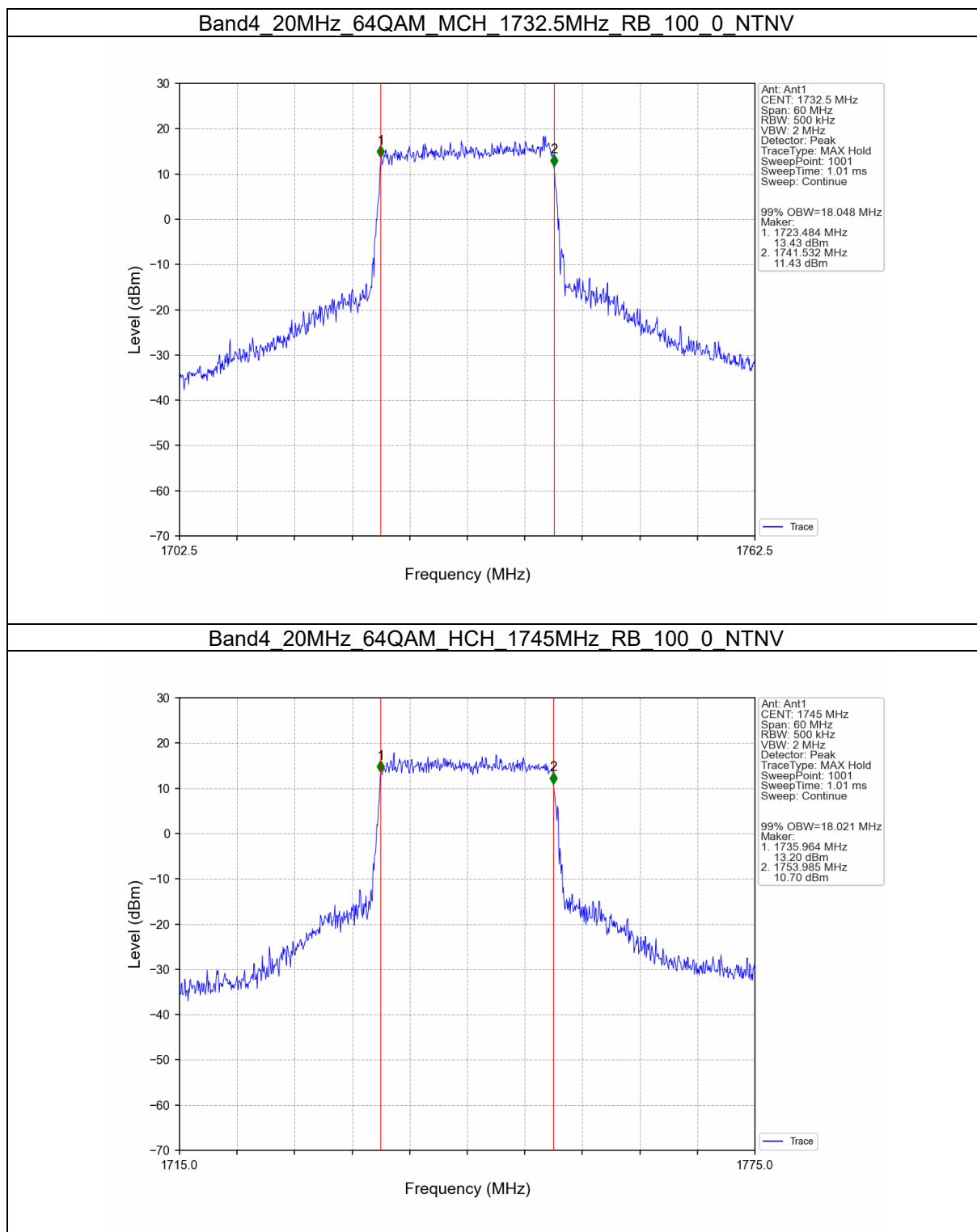
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



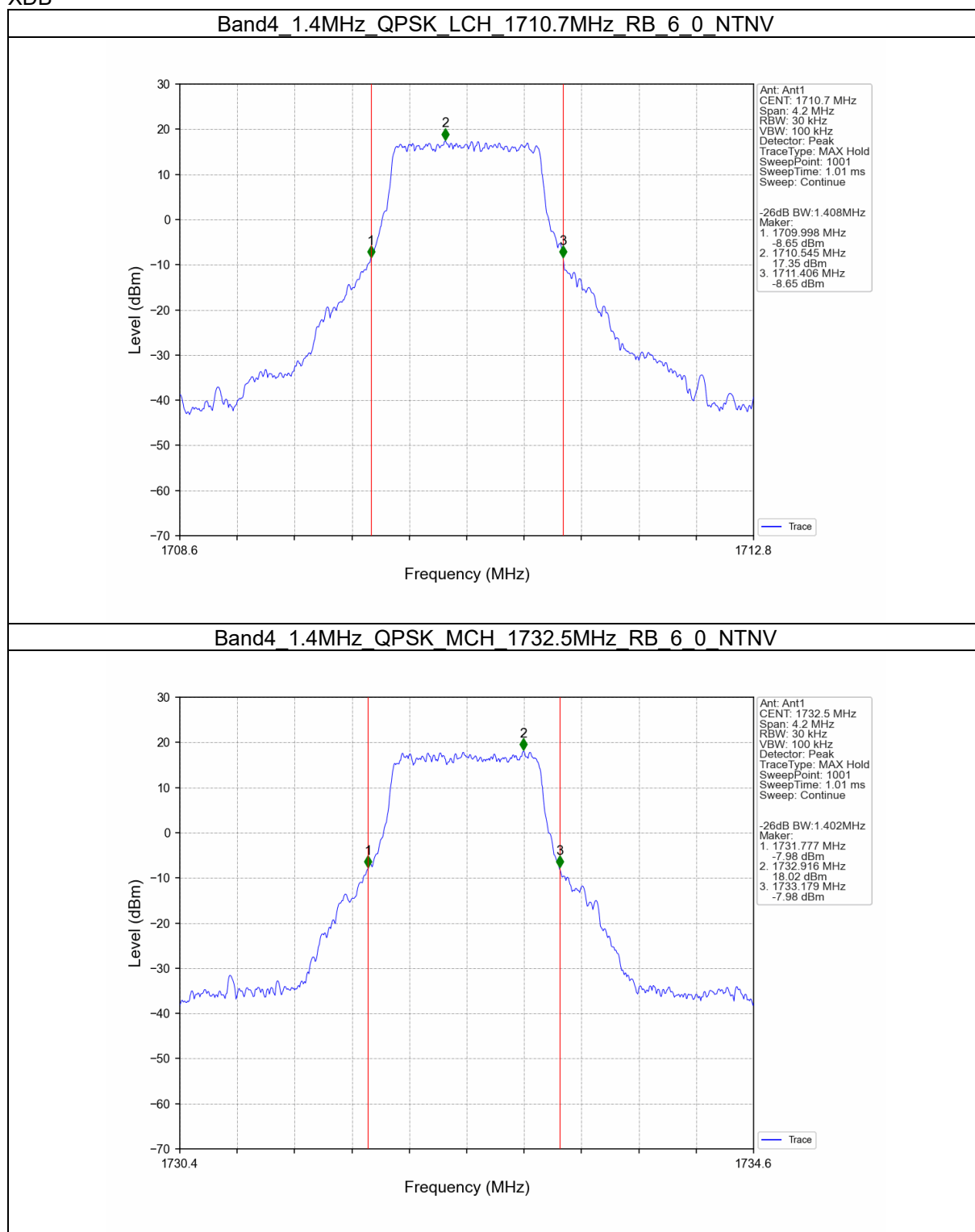
Test Report No.: RF260330B003





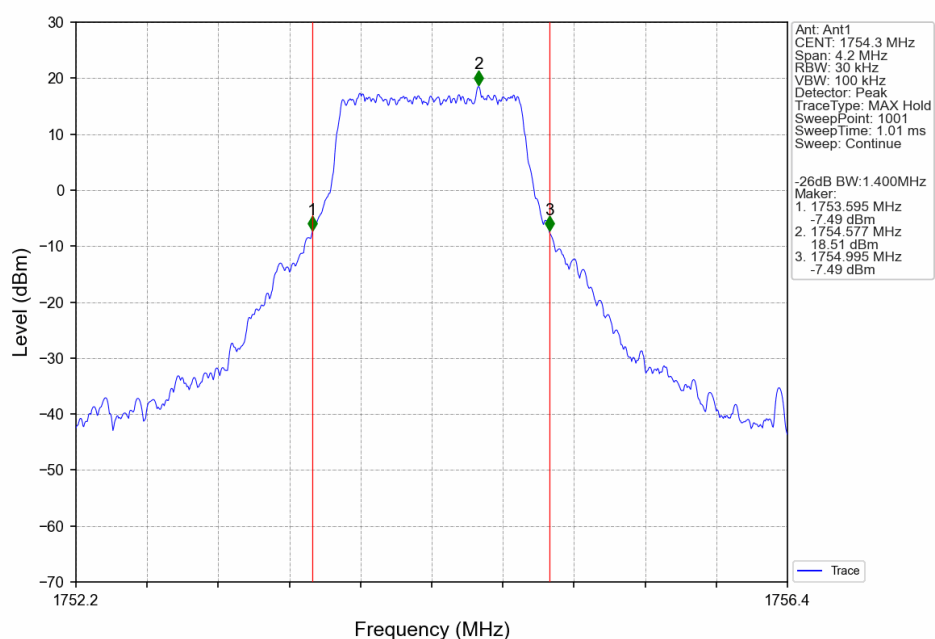
Test Report No.: RF260330B003

XDB

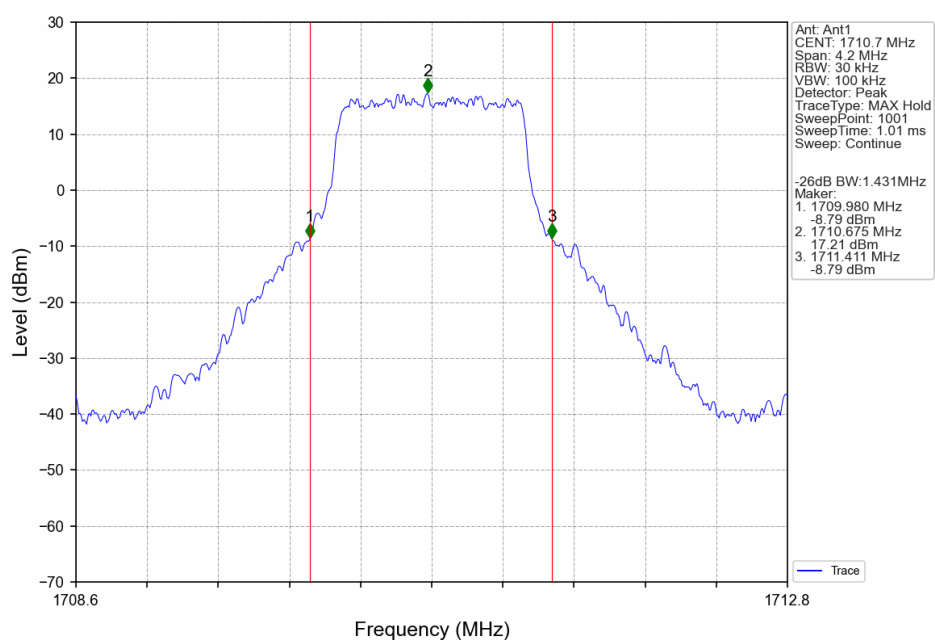


Test Report No.: RF260330B003

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

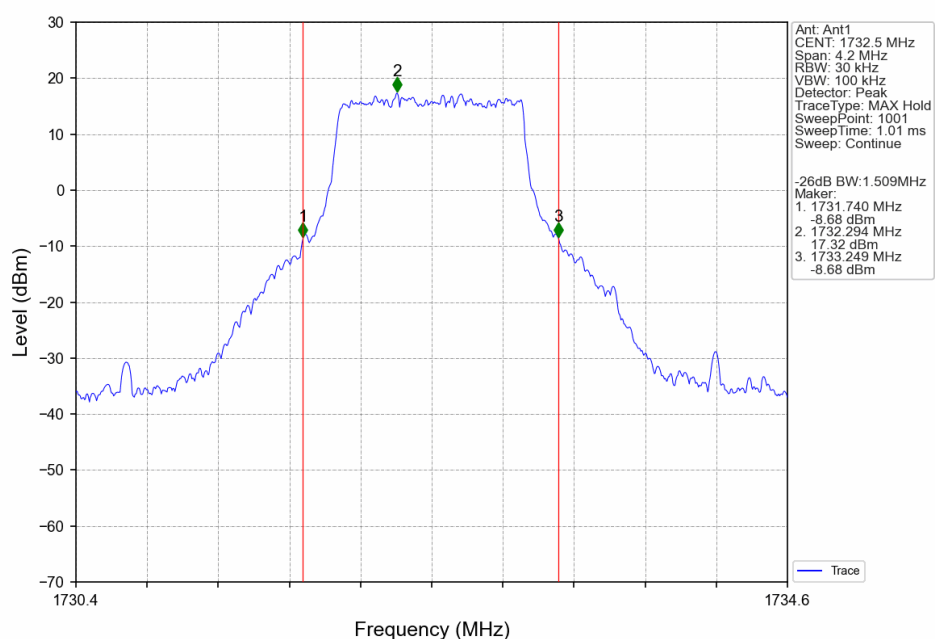


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

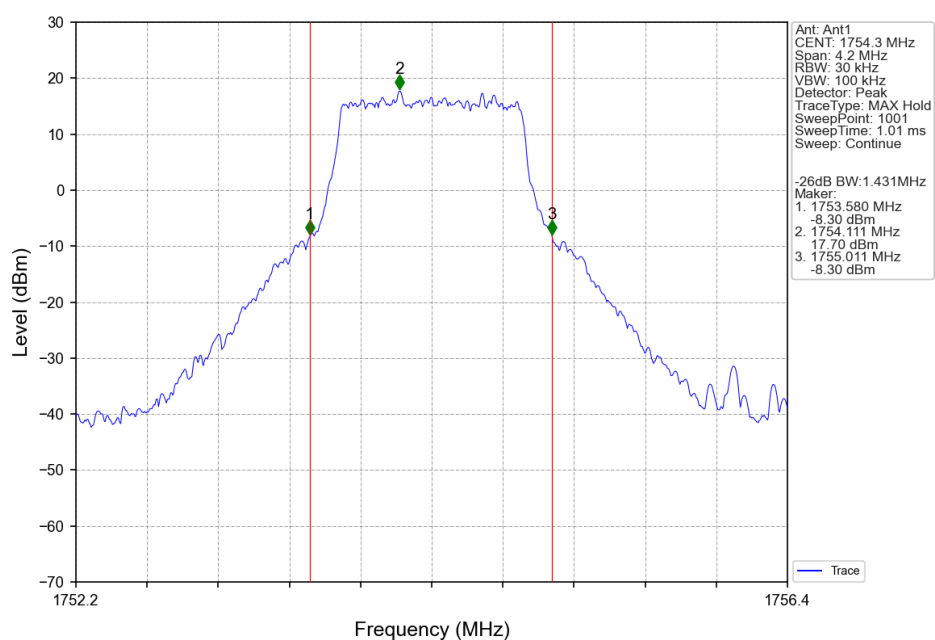


Test Report No.: RF260330B003

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



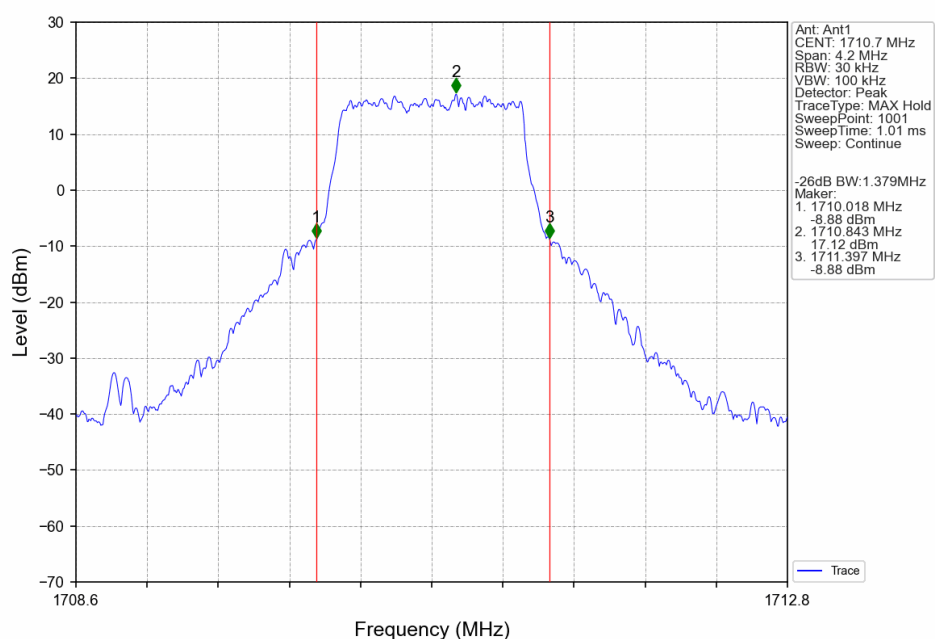
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



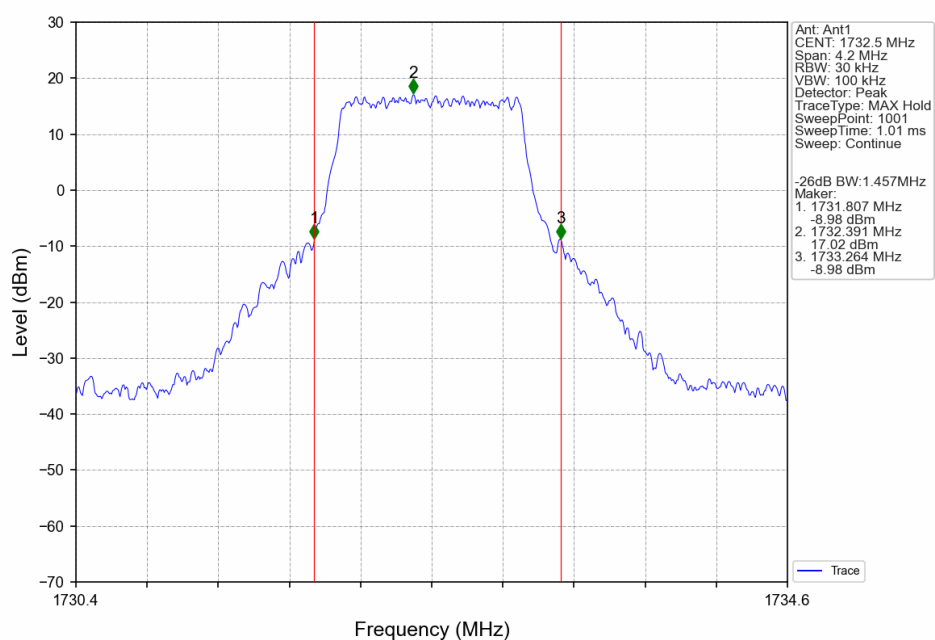


Test Report No.: RF260330B003

Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



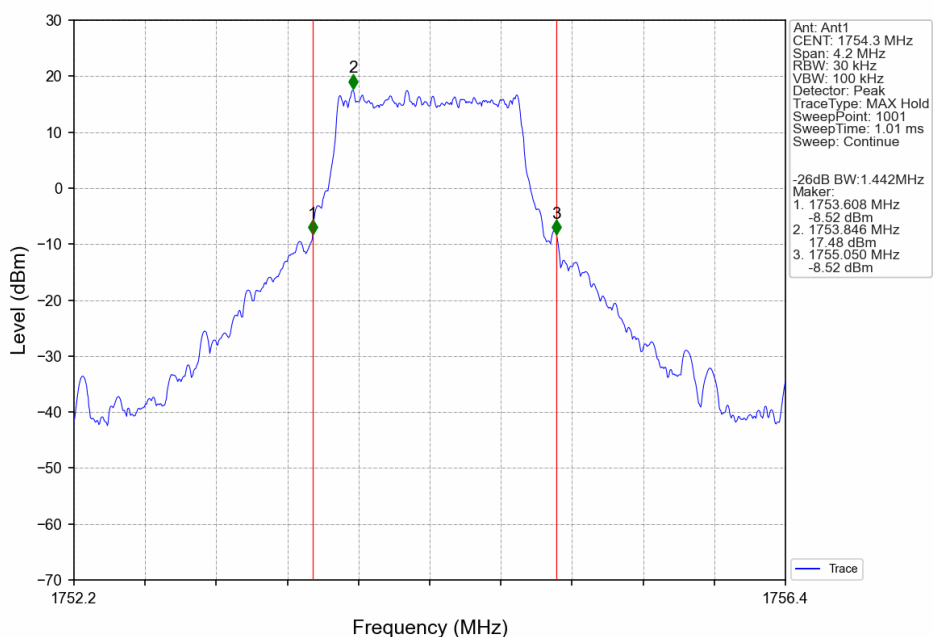
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



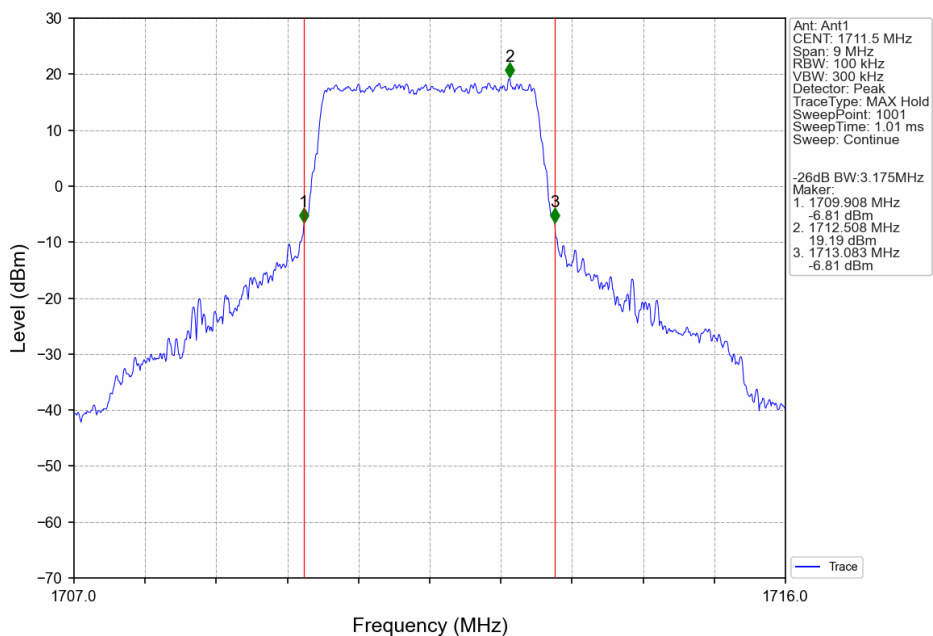


Test Report No.: RF260330B003

Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV

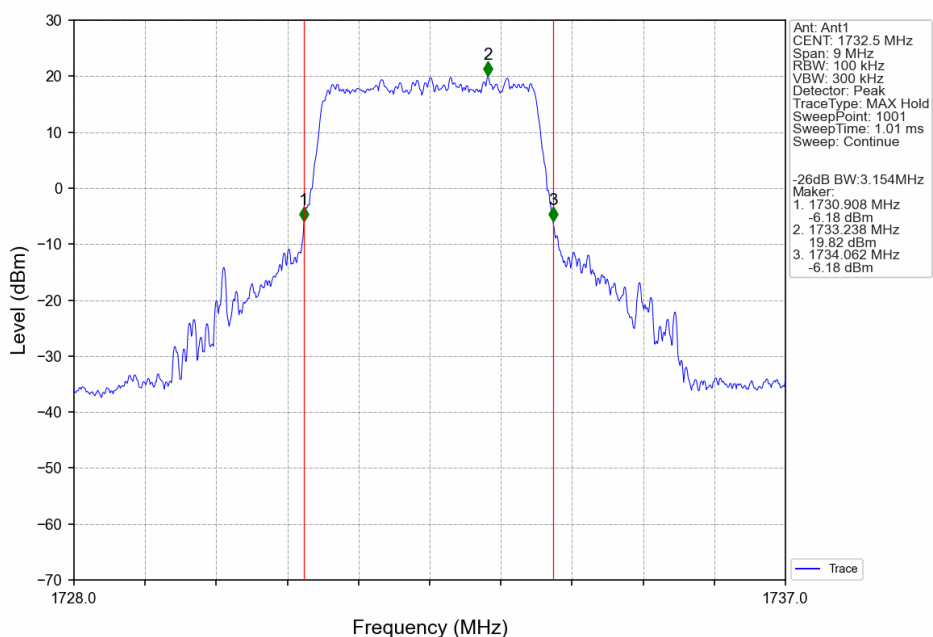


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

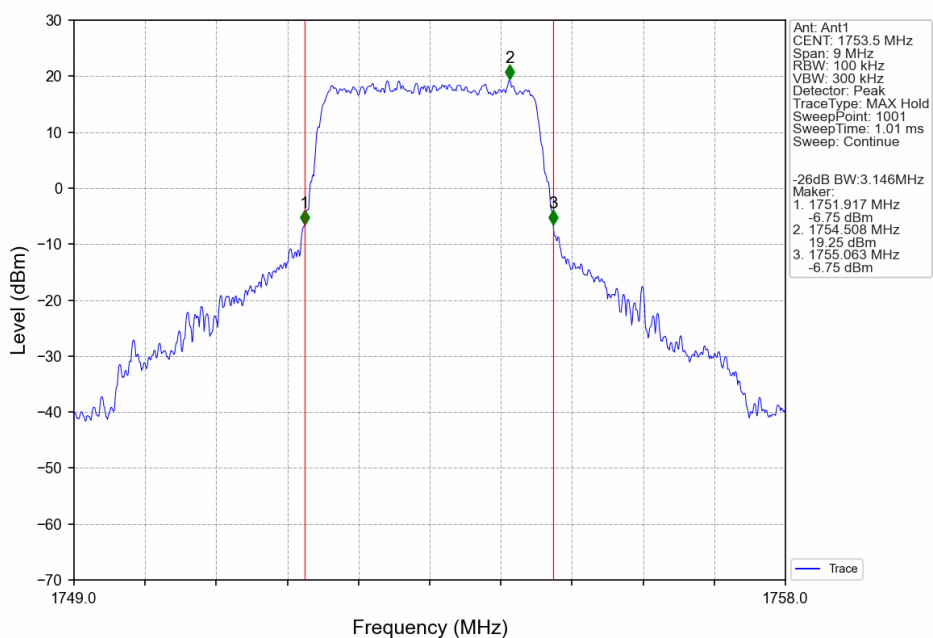


Test Report No.: RF260330B003

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

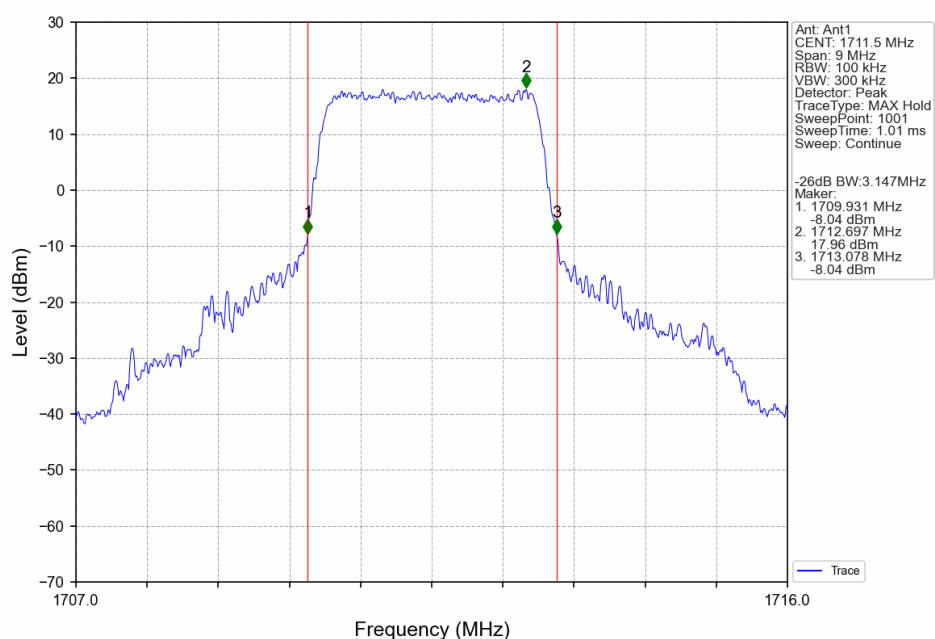


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

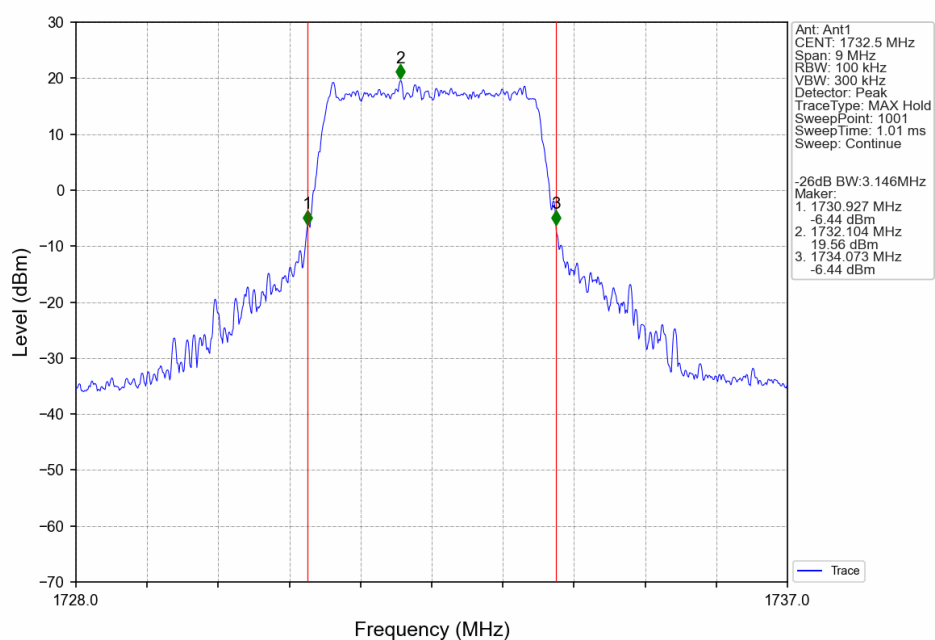


Test Report No.: RF260330B003

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

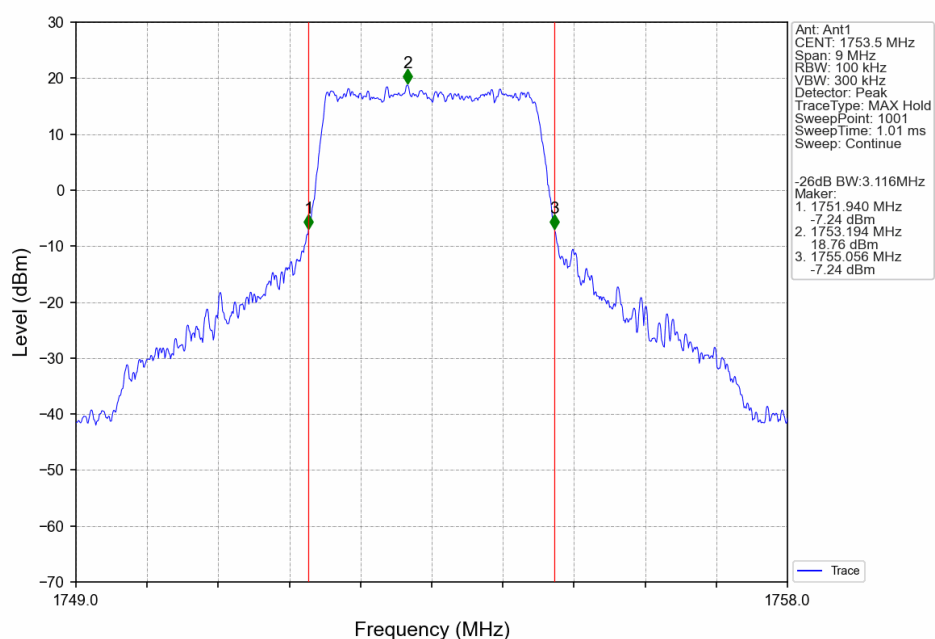


Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

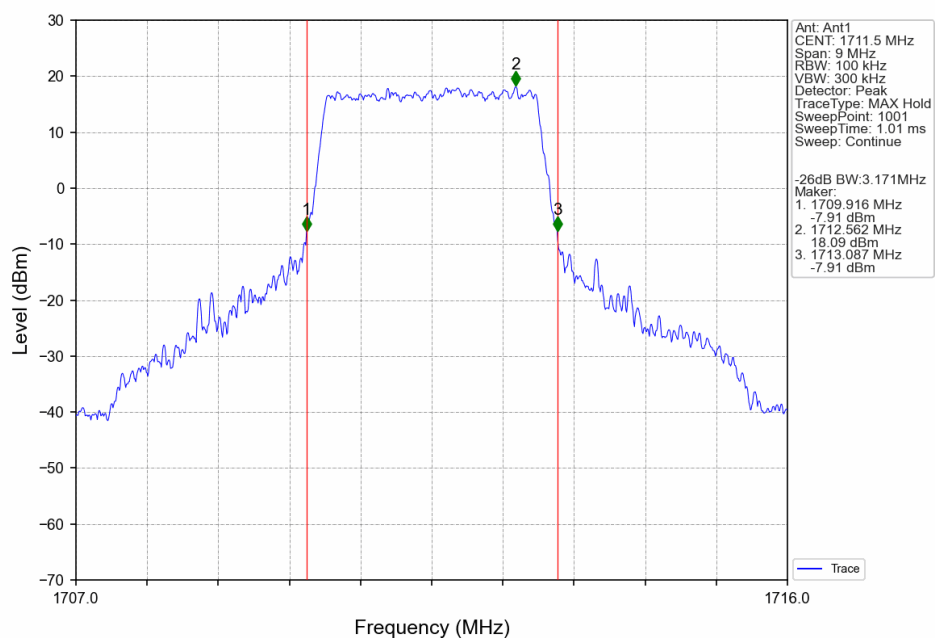


Test Report No.: RF260330B003

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

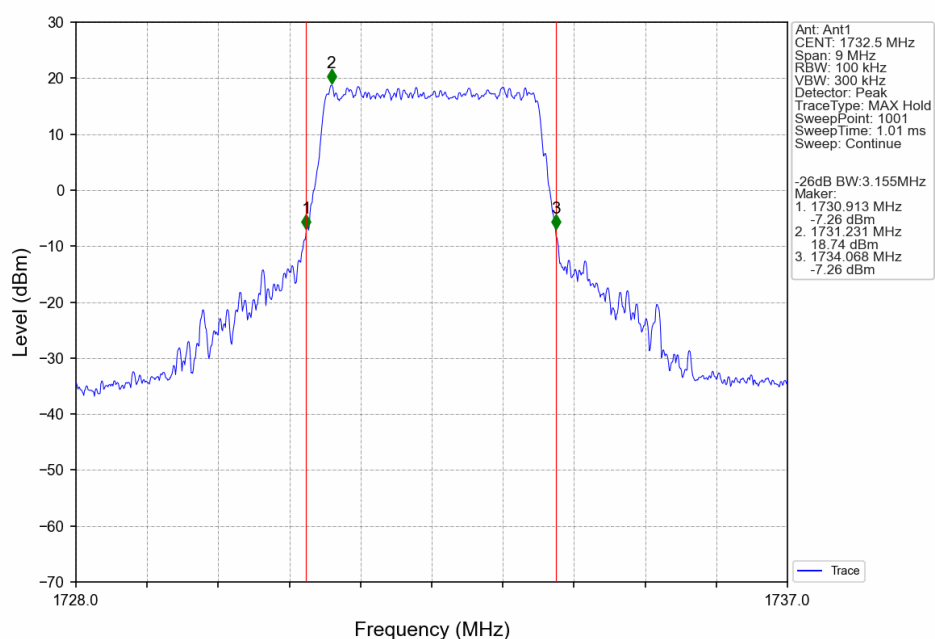


Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV

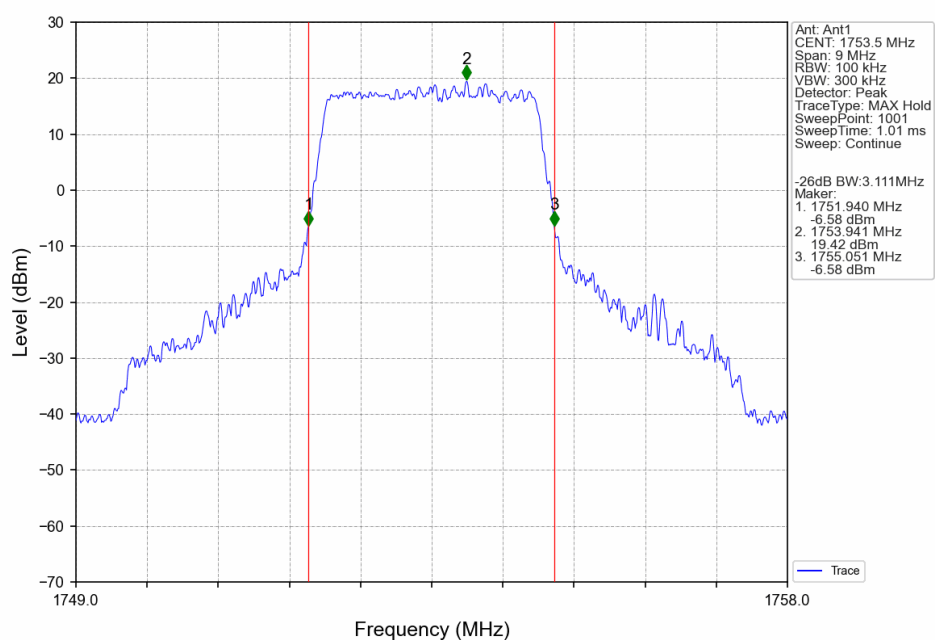


Test Report No.: RF260330B003

Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



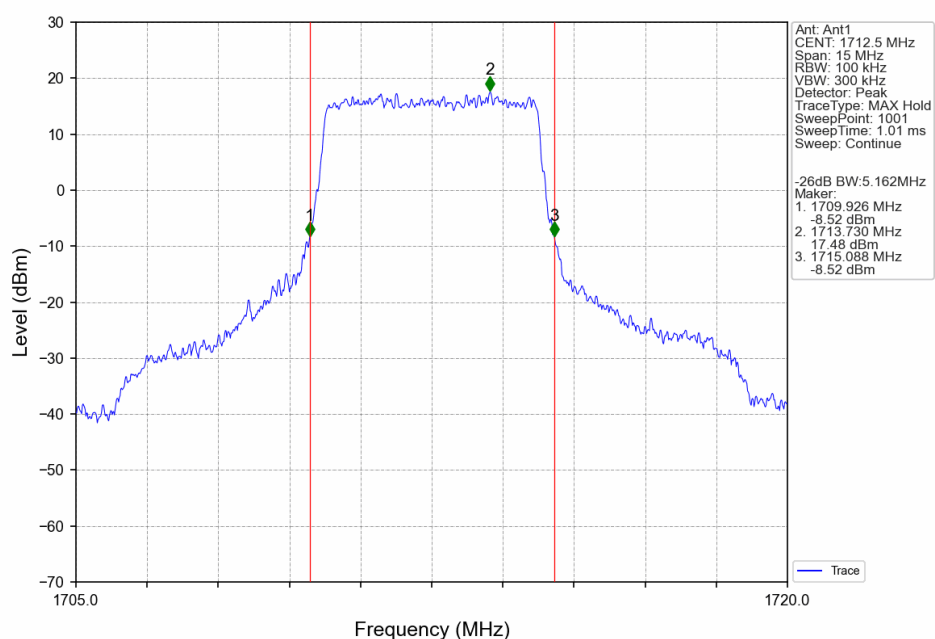
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



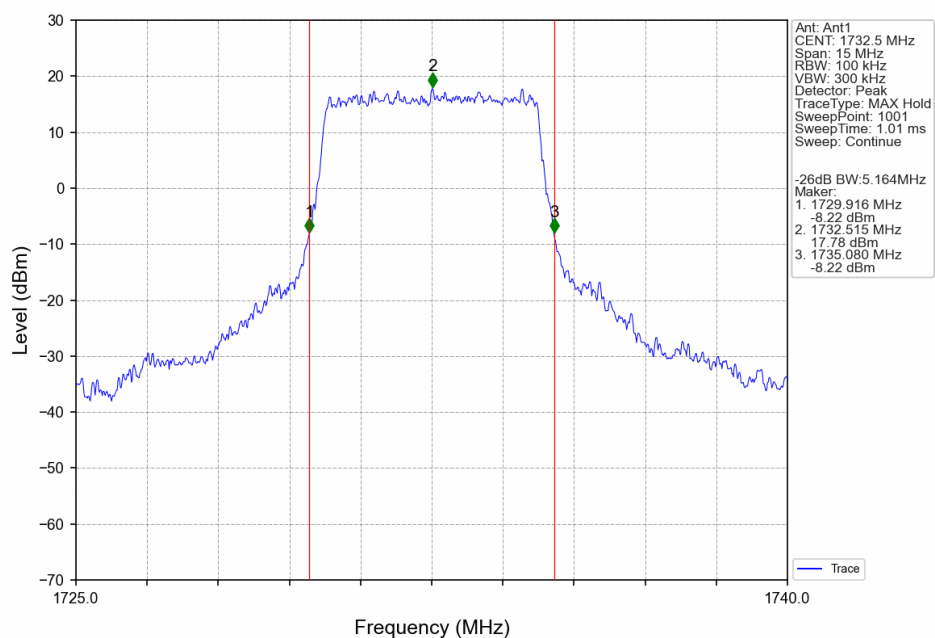


Test Report No.: RF260330B003

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



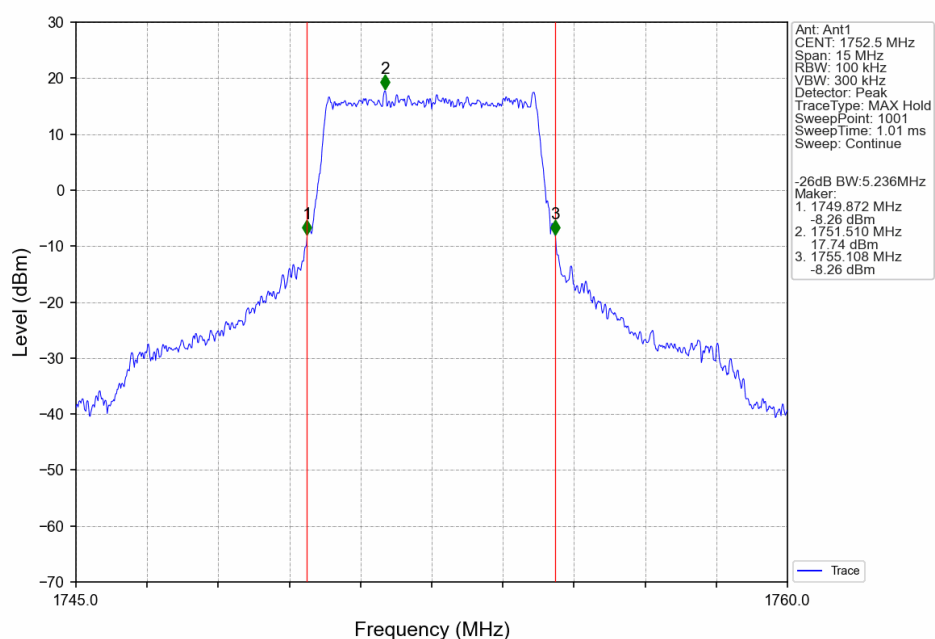
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



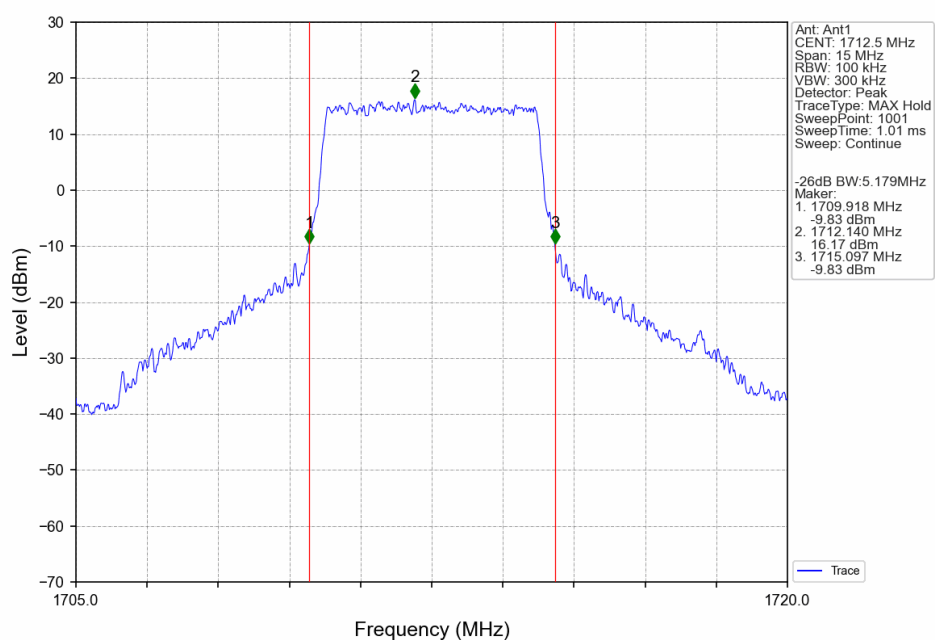


Test Report No.: RF260330B003

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



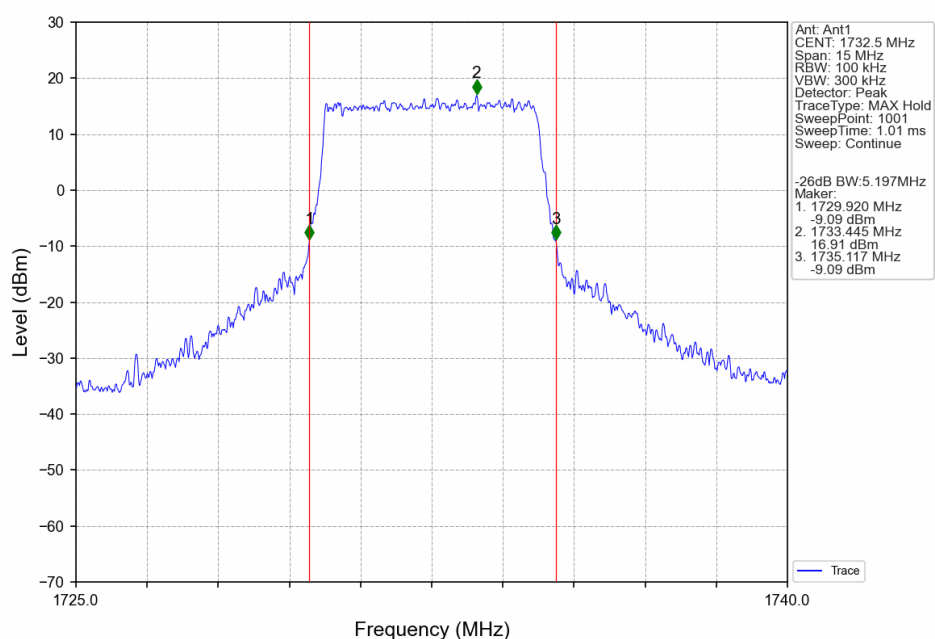
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



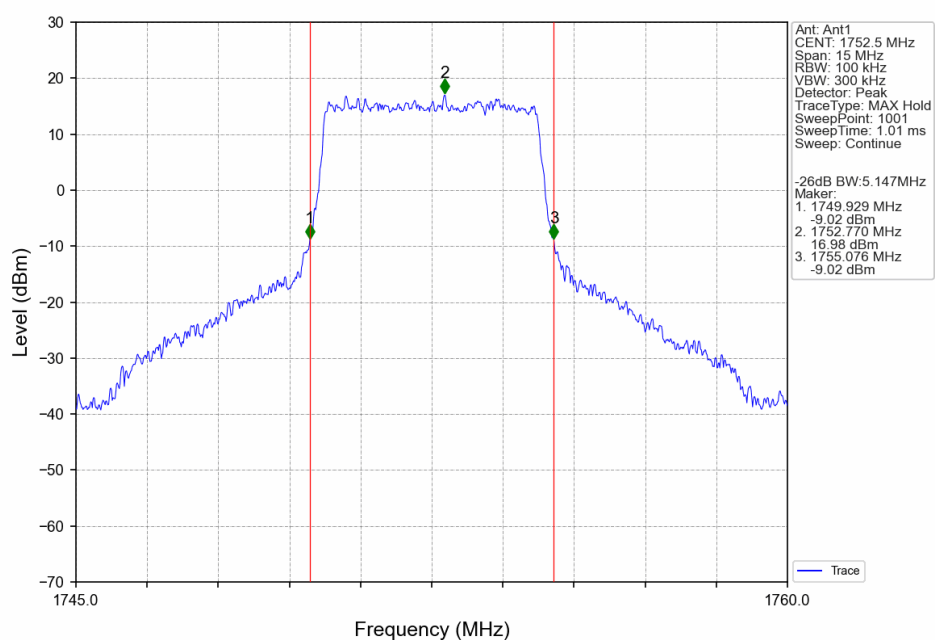


Test Report No.: RF260330B003

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



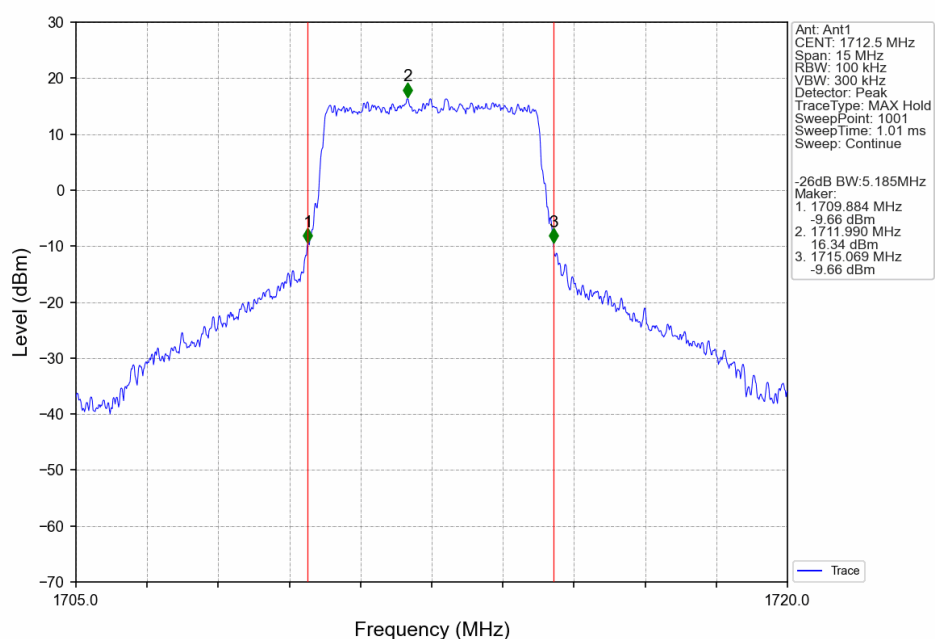
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



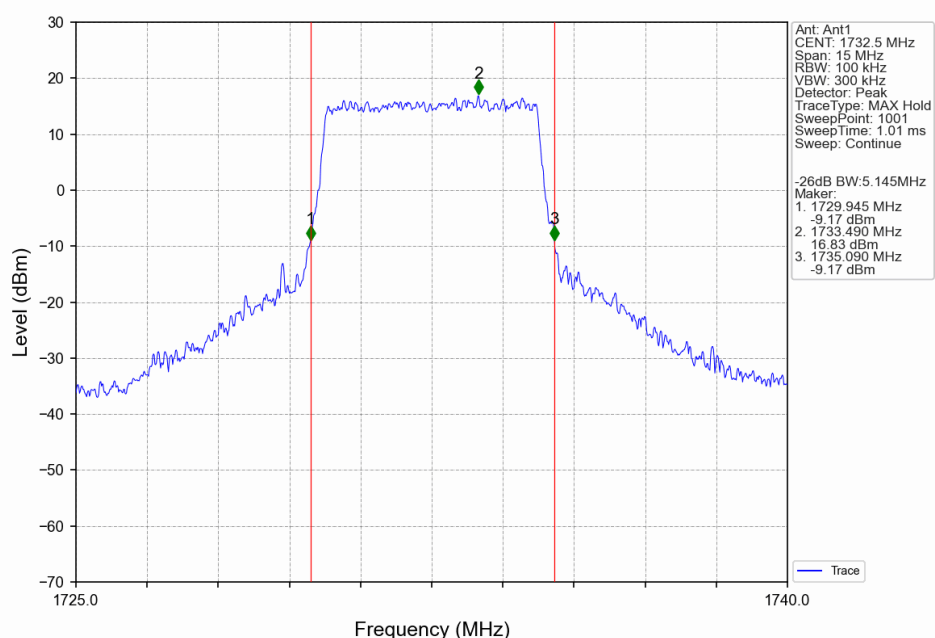


Test Report No.: RF260330B003

Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV

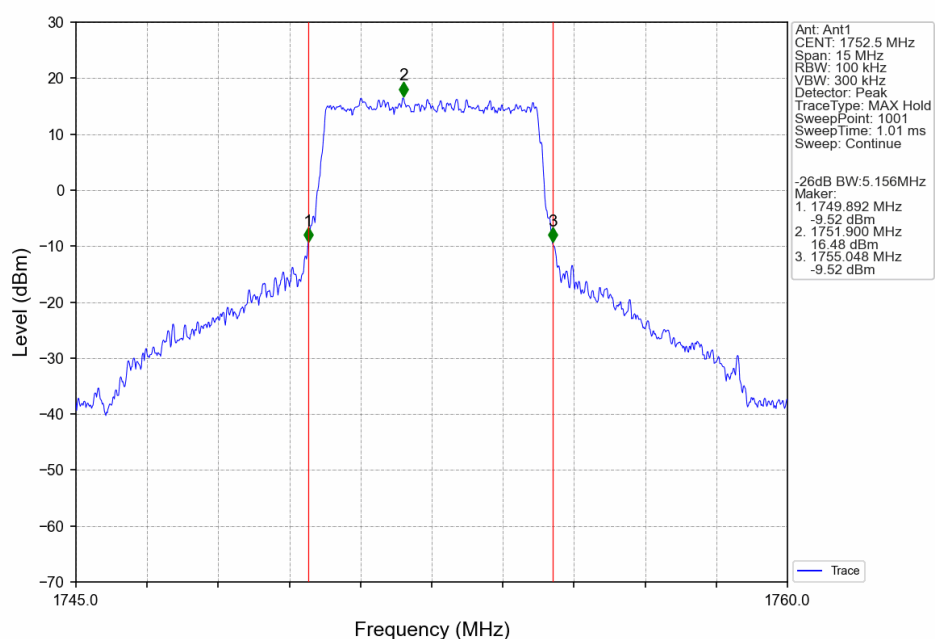


Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV

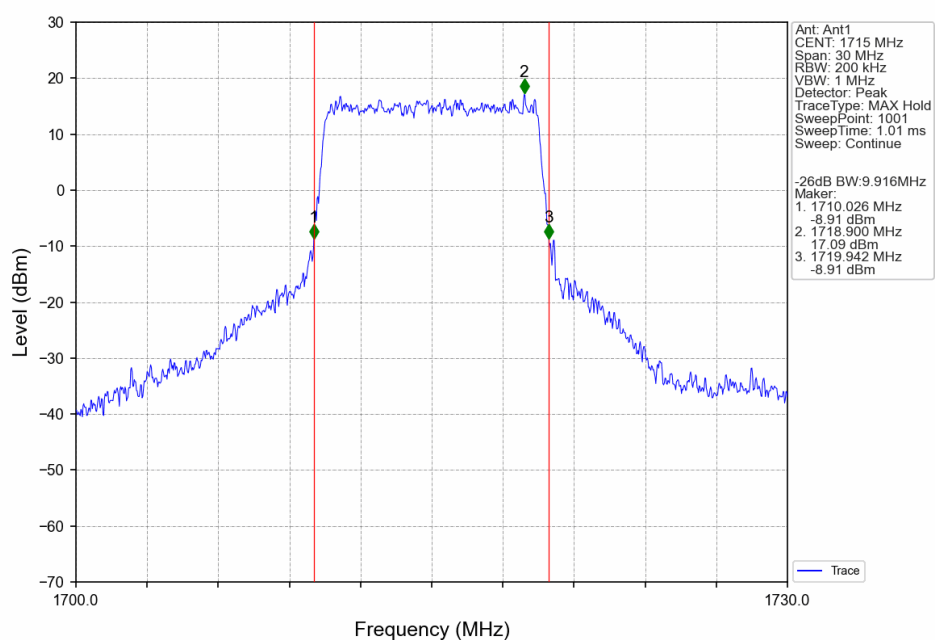


Test Report No.: RF260330B003

Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



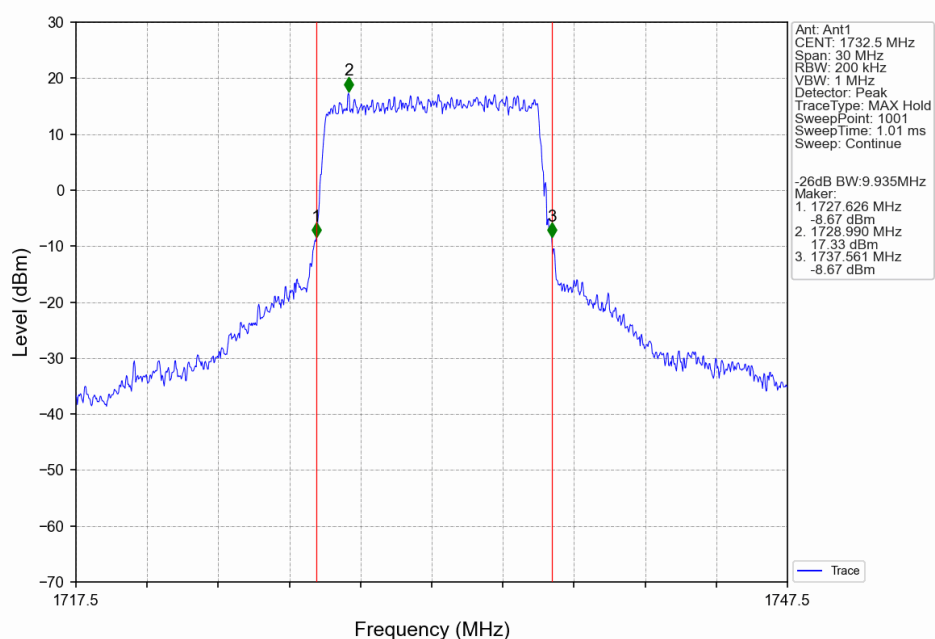
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



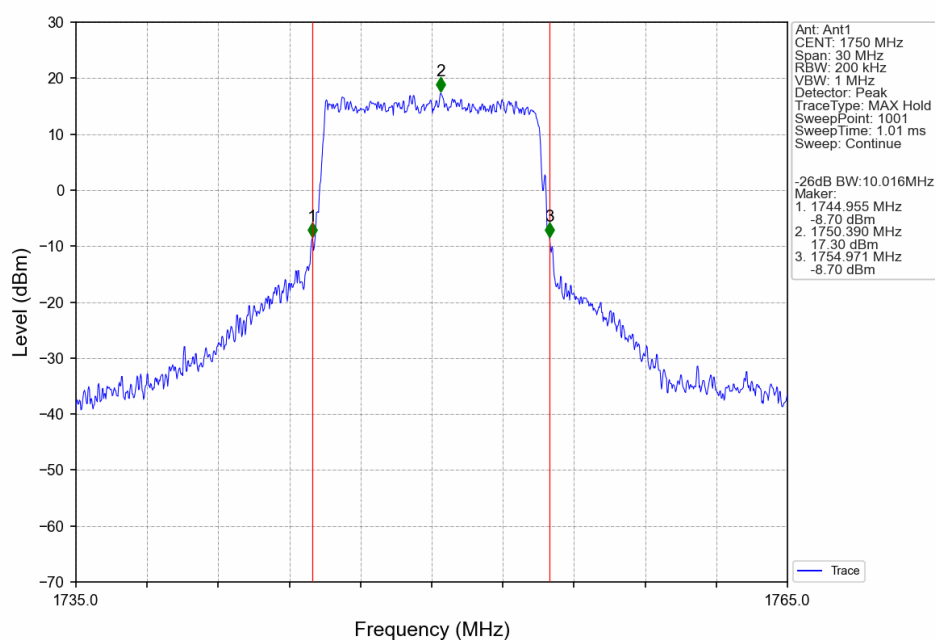


Test Report No.: RF260330B003

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



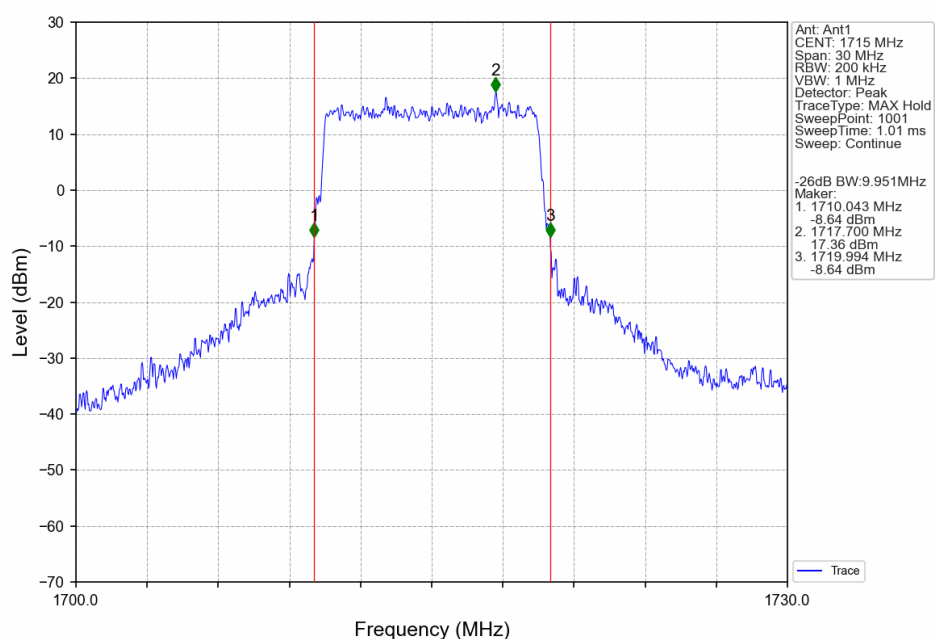
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



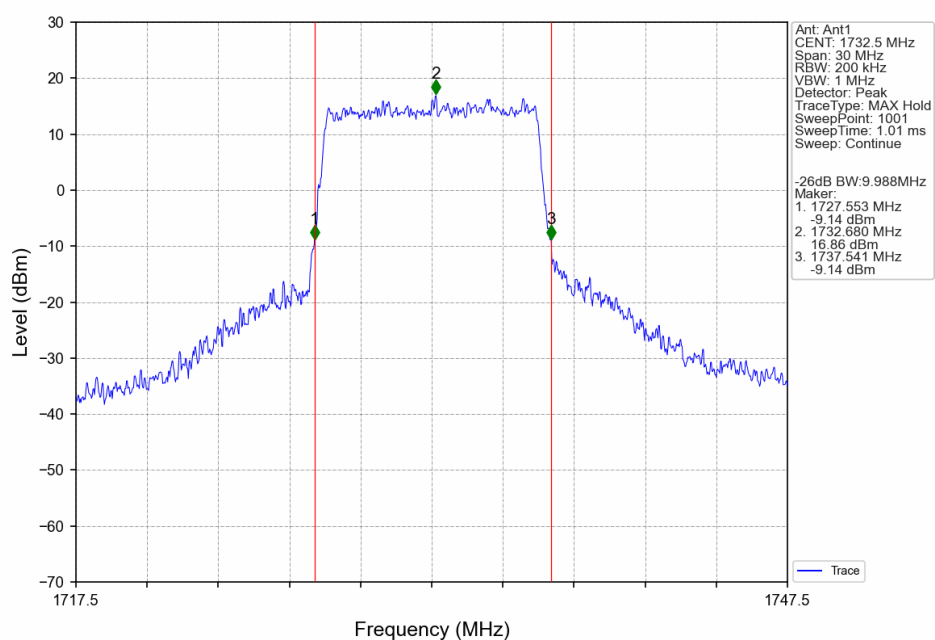


Test Report No.: RF260330B003

Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



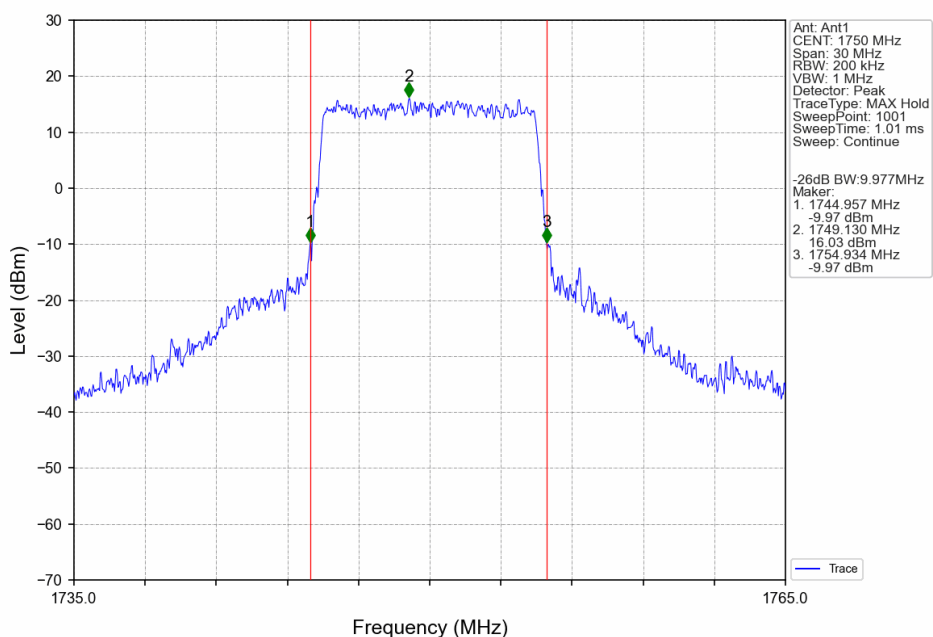
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



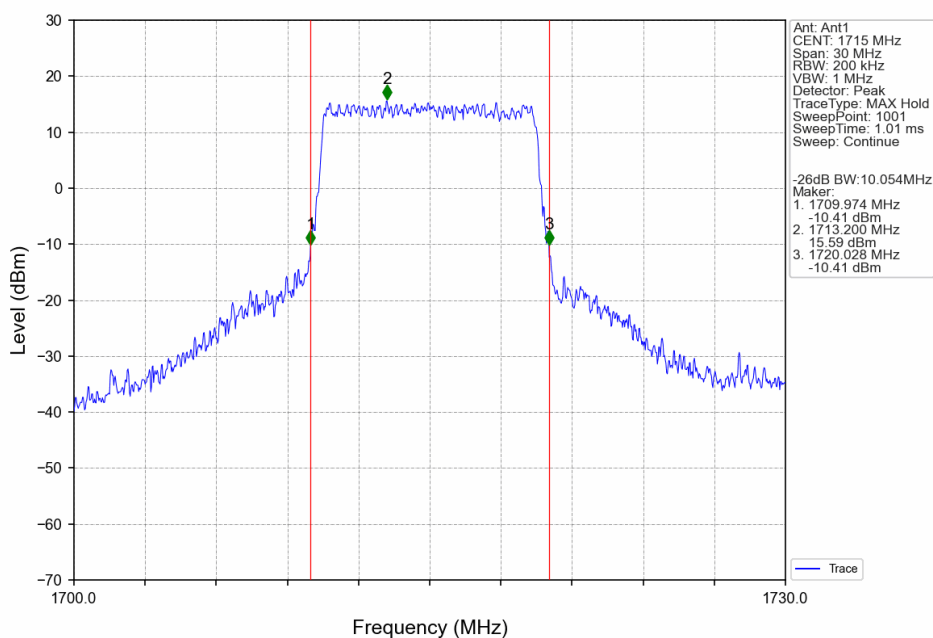


Test Report No.: RF260330B003

Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

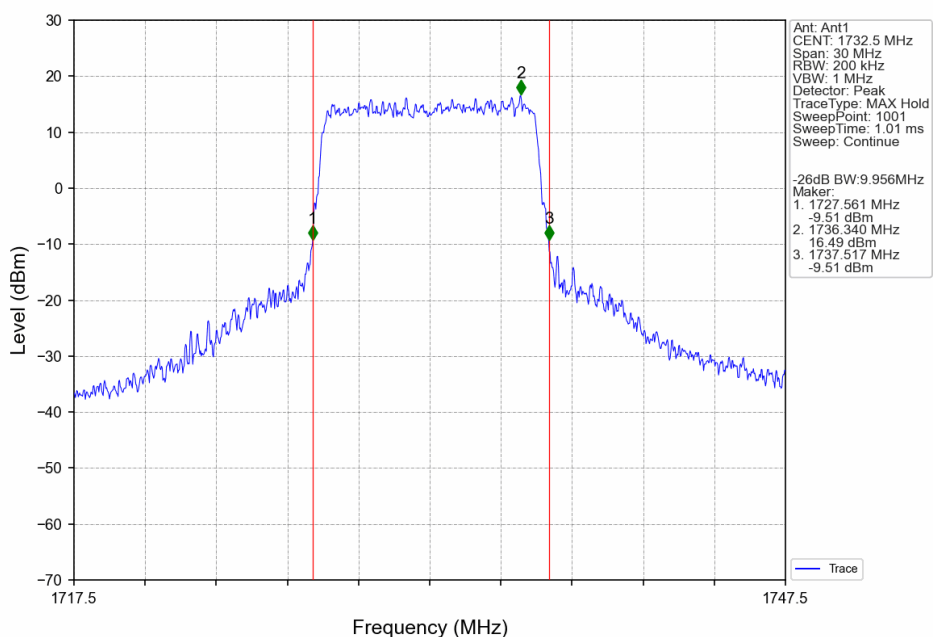


Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV

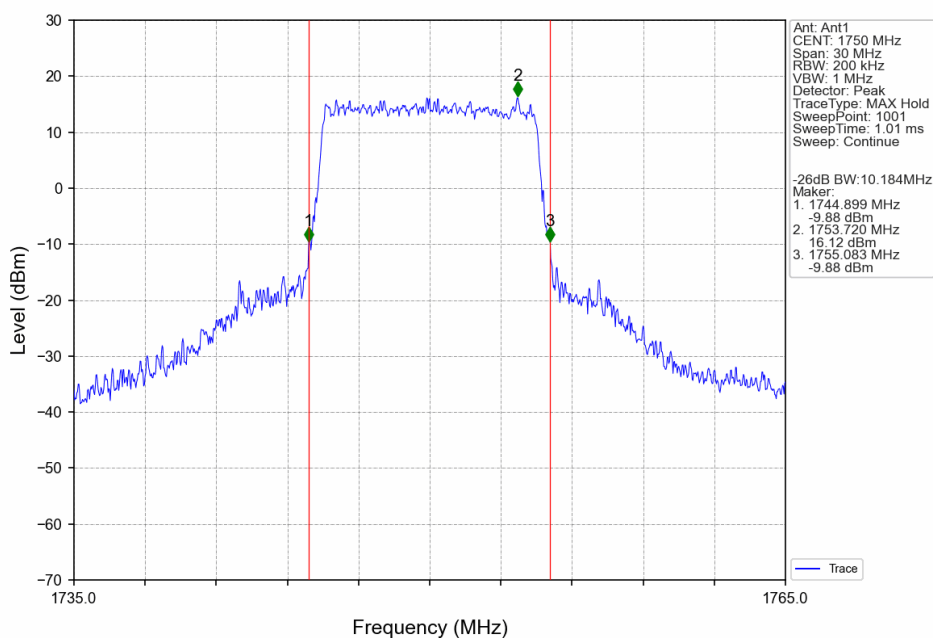


Test Report No.: RF260330B003

Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



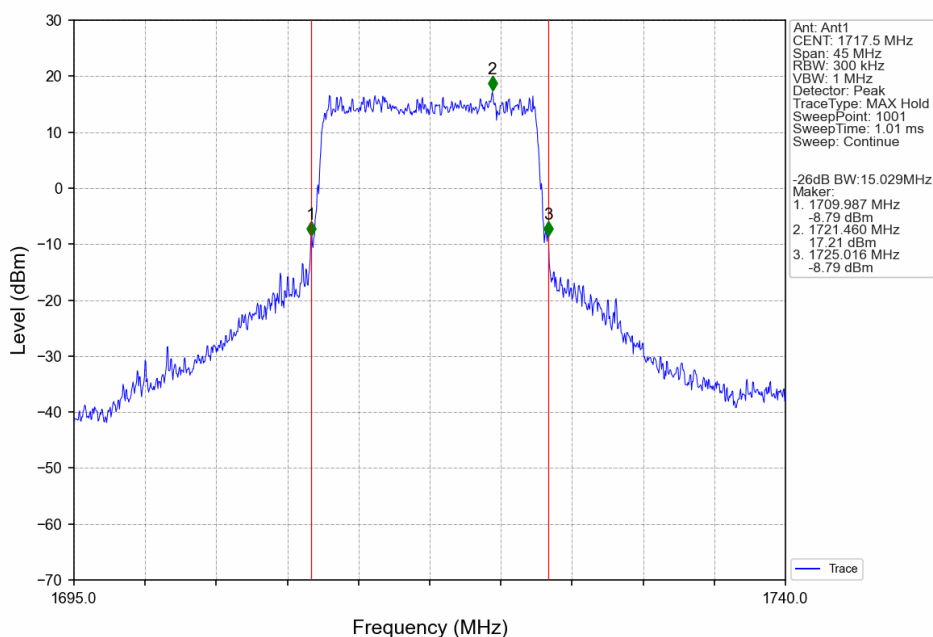
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



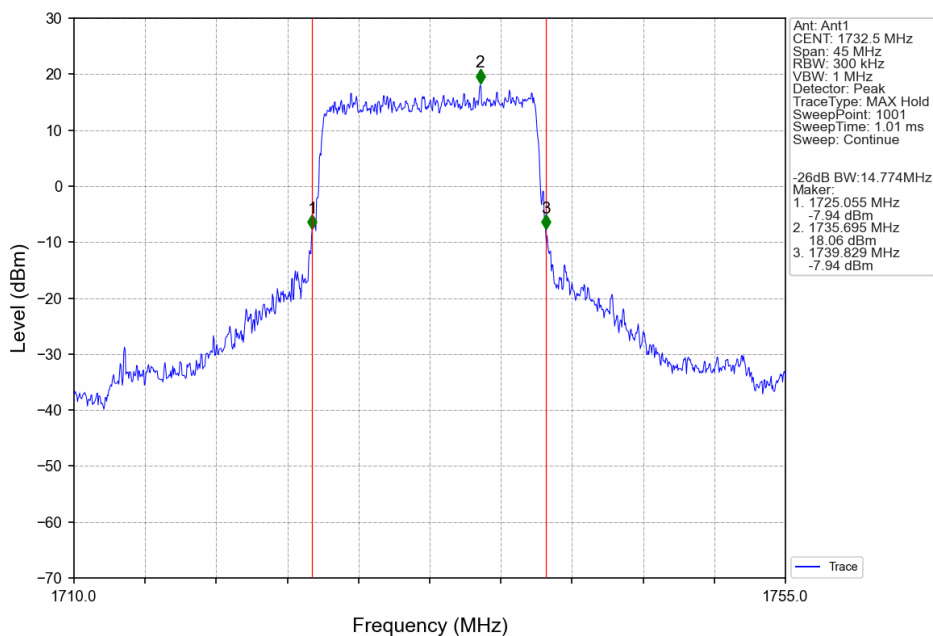


Test Report No.: RF260330B003

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

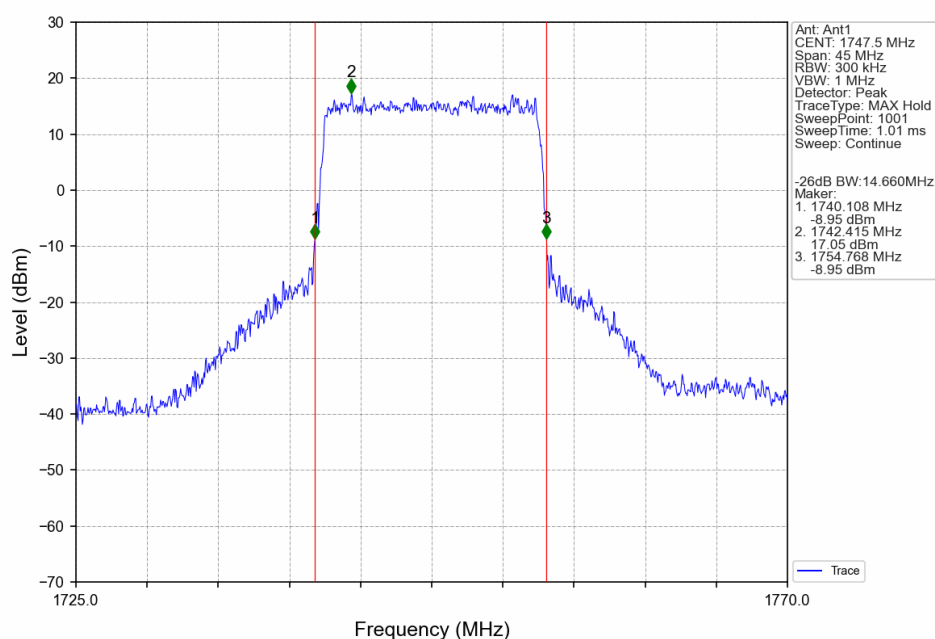


Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

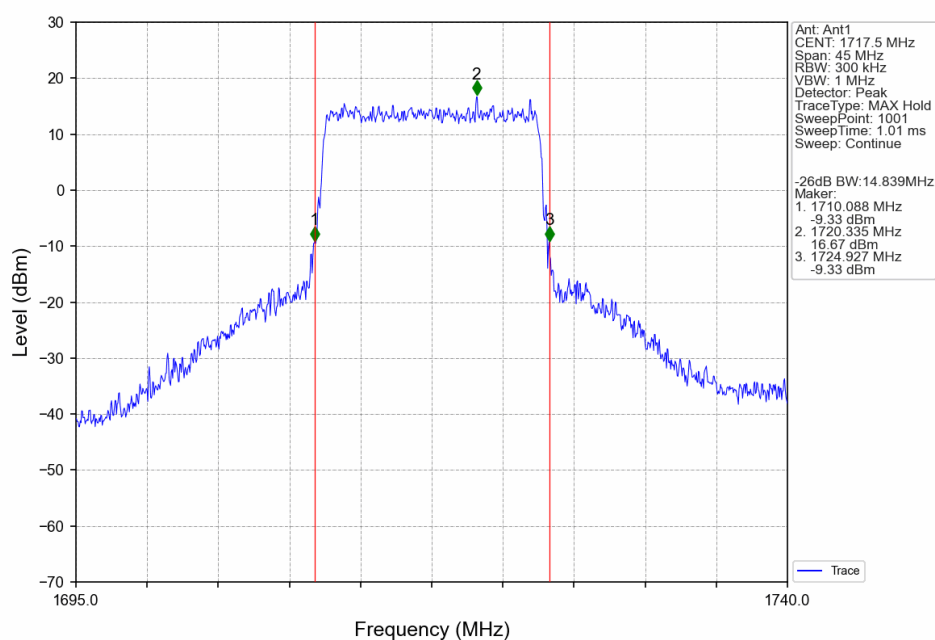


Test Report No.: RF260330B003

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

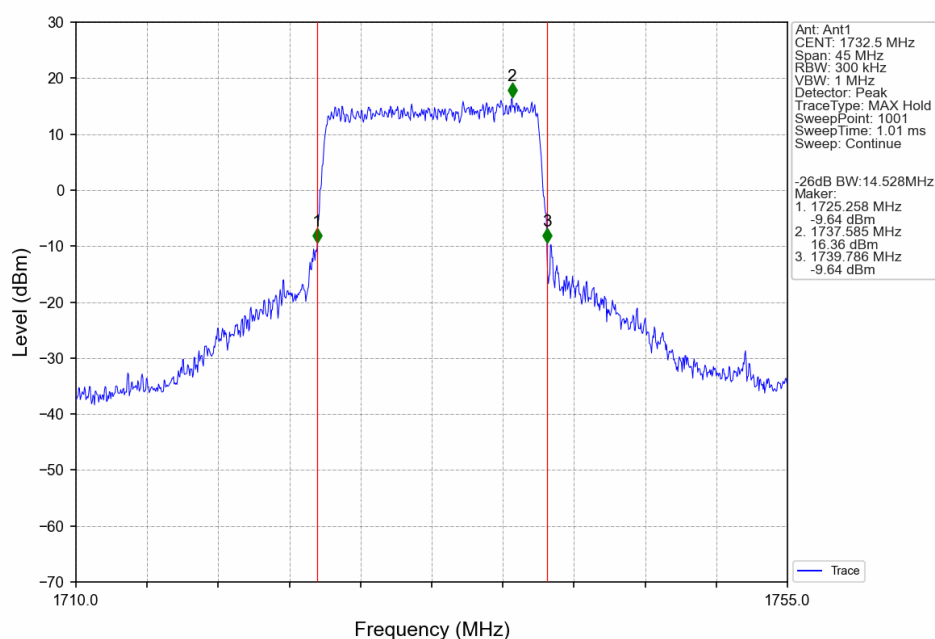


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

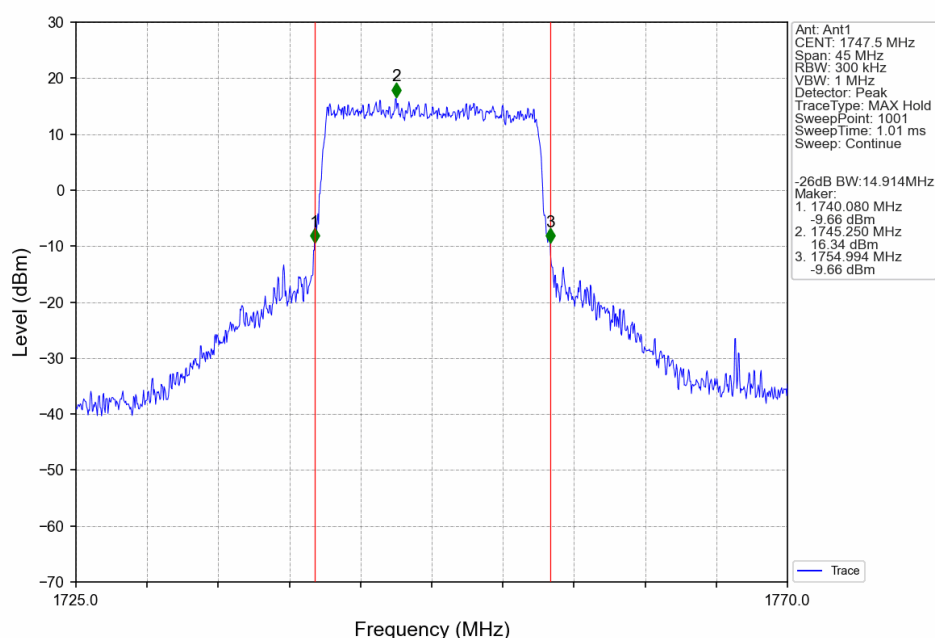


Test Report No.: RF260330B003

Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



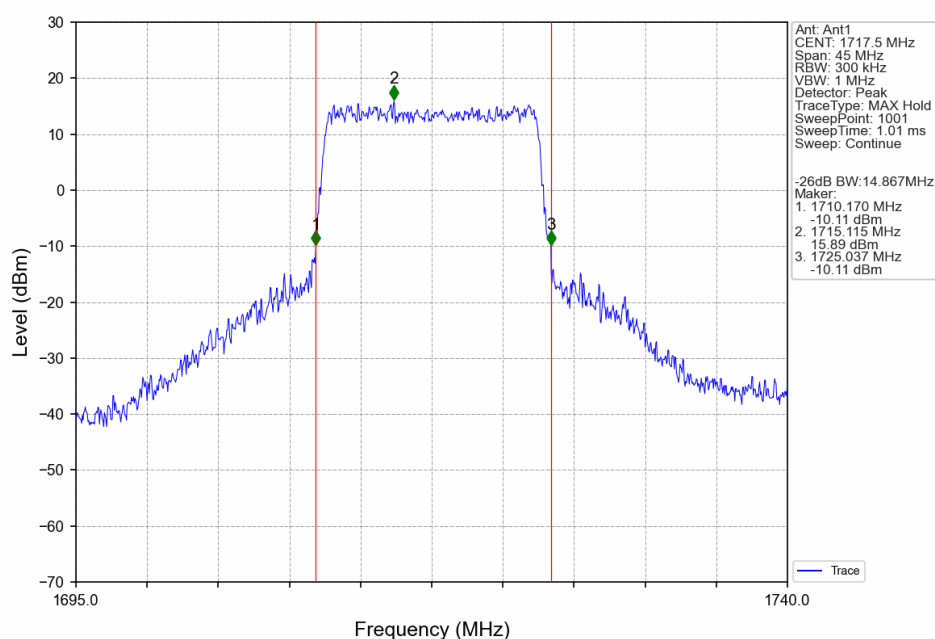
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



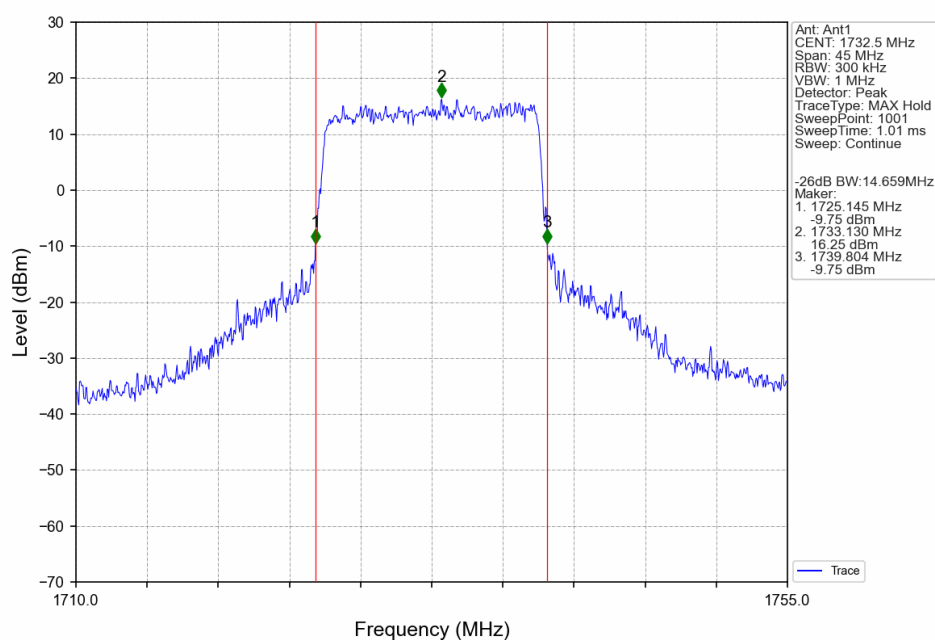


Test Report No.: RF260330B003

Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



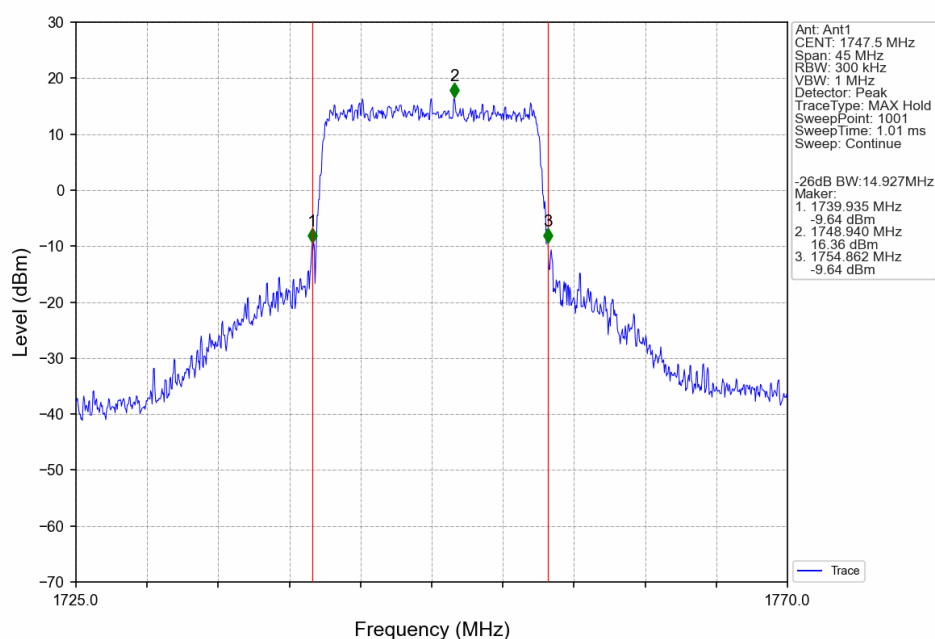
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



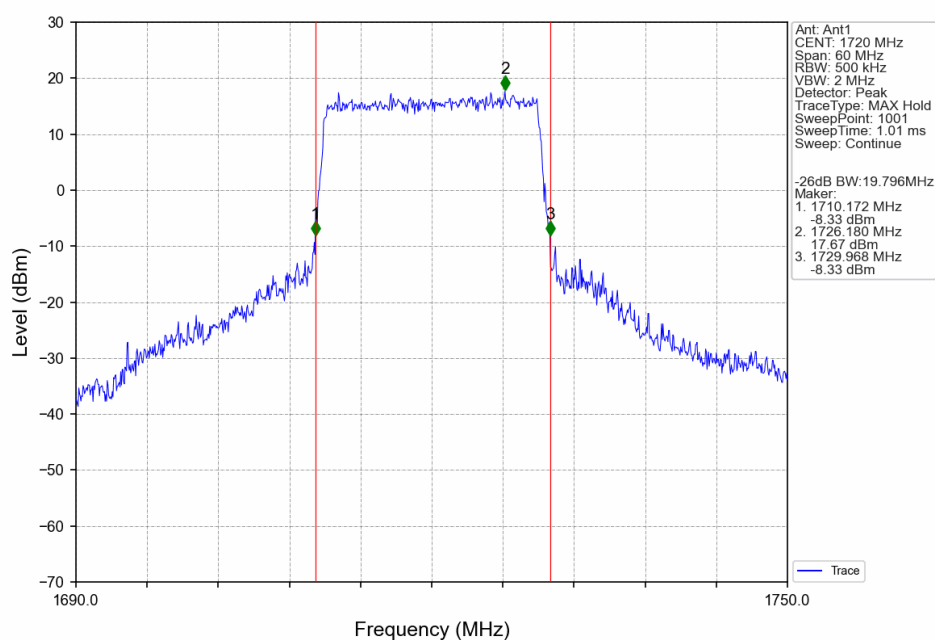


Test Report No.: RF260330B003

Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV

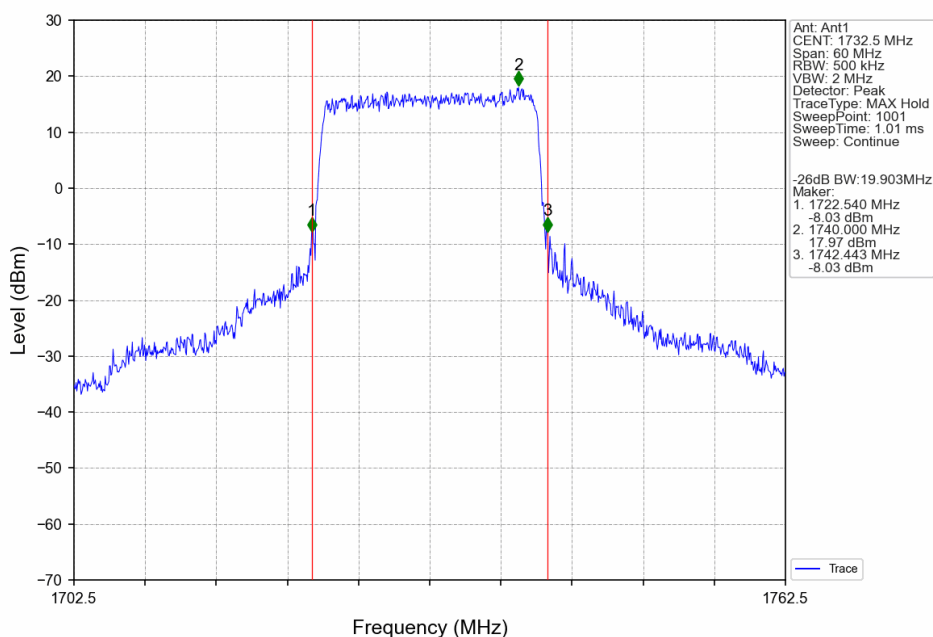


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

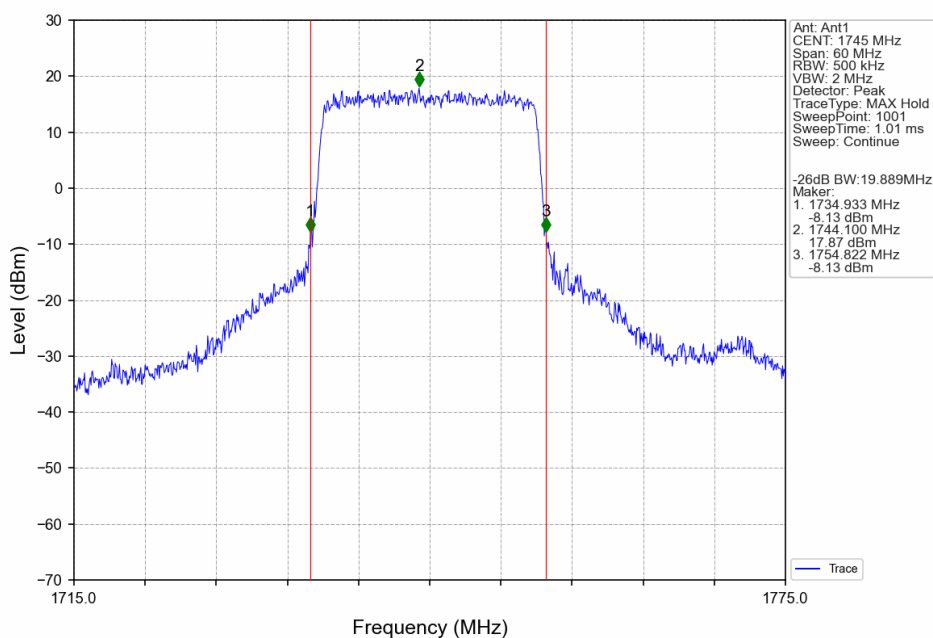


Test Report No.: RF260330B003

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



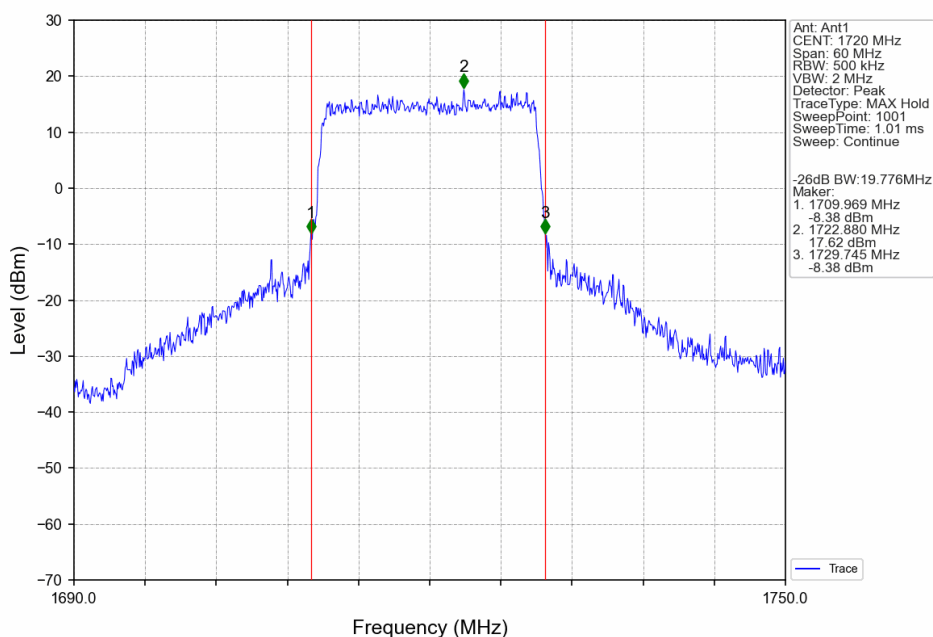
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



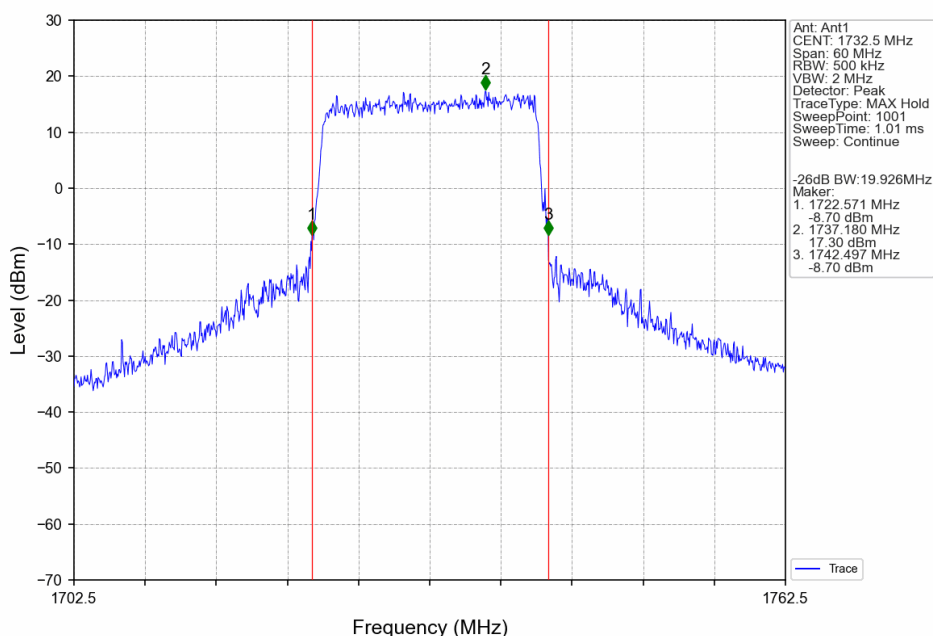


Test Report No.: RF260330B003

Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



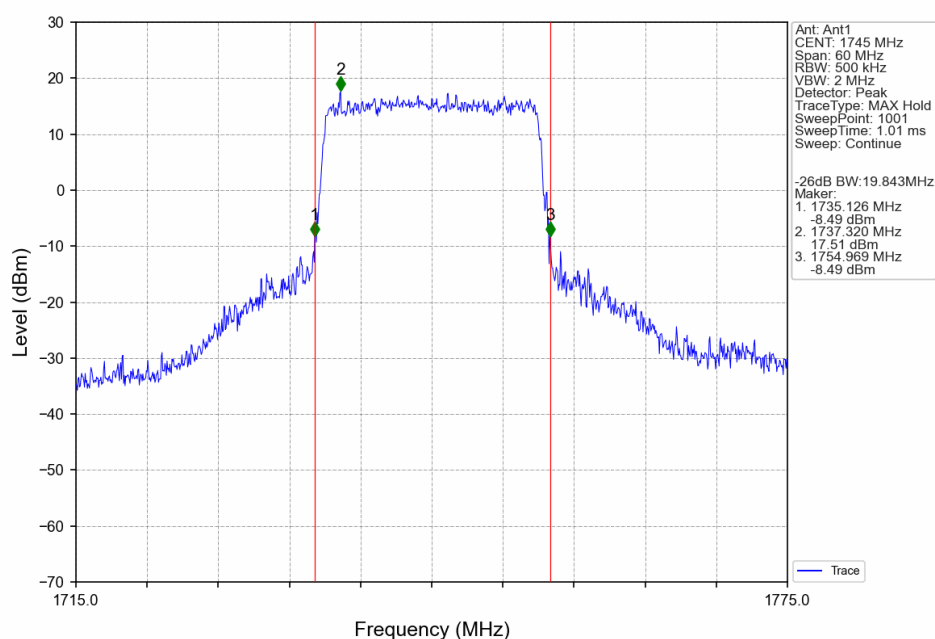
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



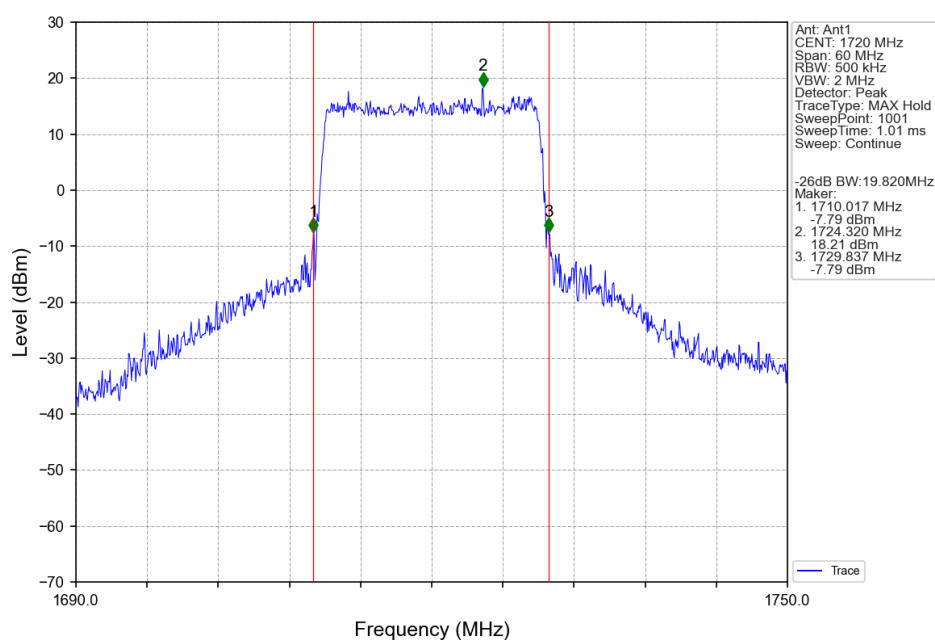


Test Report No.: RF260330B003

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

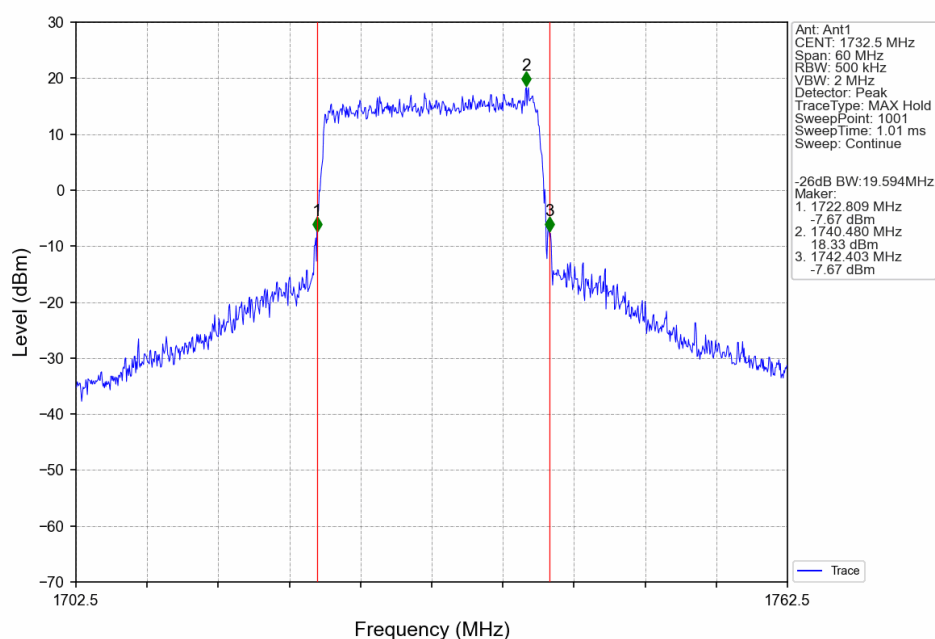


Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV

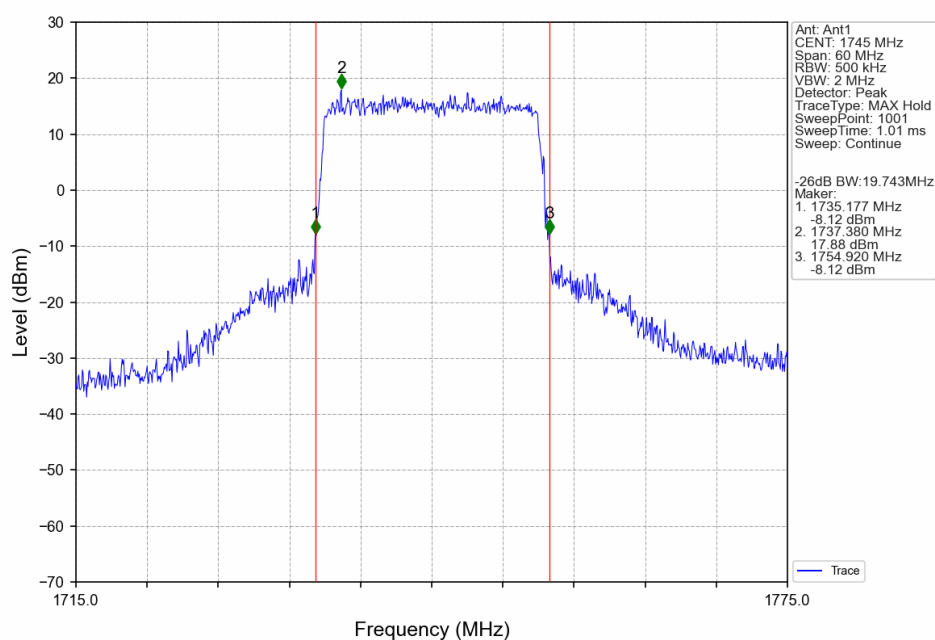


Test Report No.: RF260330B003

Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV





Test Report No.: RF260330B003

PEAK-TO-AVERAGE RATIO (CCDF)

Test Result

1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.50	≤ 13	Pass
	1732.5	6	0	4.58	≤ 13	Pass
	1754.3	6	0	4.38	≤ 13	Pass
16QAM	1710.7	6	0	5.42	≤ 13	Pass
	1732.5	6	0	5.48	≤ 13	Pass
	1754.3	6	0	5.32	≤ 13	Pass
64QAM	1710.7	6	0	5.42	≤ 13	Pass
	1732.5	6	0	5.44	≤ 13	Pass
	1754.3	6	0	5.30	≤ 13	Pass

3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.34	≤ 13	Pass
	1732.5	15	0	4.54	≤ 13	Pass
	1753.5	15	0	4.44	≤ 13	Pass
16QAM	1711.5	15	0	5.36	≤ 13	Pass
	1732.5	15	0	5.40	≤ 13	Pass
	1753.5	15	0	5.28	≤ 13	Pass
64QAM	1711.5	15	0	5.36	≤ 13	Pass
	1732.5	15	0	5.40	≤ 13	Pass
	1753.5	15	0	5.24	≤ 13	Pass

5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.60	≤ 13	Pass
	1732.5	25	0	4.60	≤ 13	Pass
	1752.5	25	0	4.60	≤ 13	Pass
16QAM	1712.5	25	0	5.58	≤ 13	Pass
	1732.5	25	0	5.62	≤ 13	Pass
	1752.5	25	0	5.52	≤ 13	Pass
64QAM	1712.5	25	0	5.58	≤ 13	Pass
	1732.5	25	0	5.64	≤ 13	Pass
	1752.5	25	0	5.54	≤ 13	Pass

10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.66	≤ 13	Pass



Test Report No.: RF260330B003

	1732.5	50	0	4.64	<=13	Pass
	1750	50	0	4.62	<=13	Pass
	1715	50	0	5.72	<=13	Pass
16QAM	1732.5	50	0	5.70	<=13	Pass
	1750	50	0	5.66	<=13	Pass
	1715	50	0	5.70	<=13	Pass
64QAM	1732.5	50	0	5.68	<=13	Pass
	1750	50	0	5.66	<=13	Pass
	1715	50	0	5.66	<=13	Pass

15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.46	<=13	Pass
	1732.5	75	0	4.52	<=13	Pass
	1747.5	75	0	4.48	<=13	Pass
16QAM	1717.5	75	0	5.48	<=13	Pass
	1732.5	75	0	5.50	<=13	Pass
	1747.5	75	0	5.52	<=13	Pass
64QAM	1717.5	75	0	5.50	<=13	Pass
	1732.5	75	0	5.46	<=13	Pass
	1747.5	75	0	5.52	<=13	Pass

20MHz

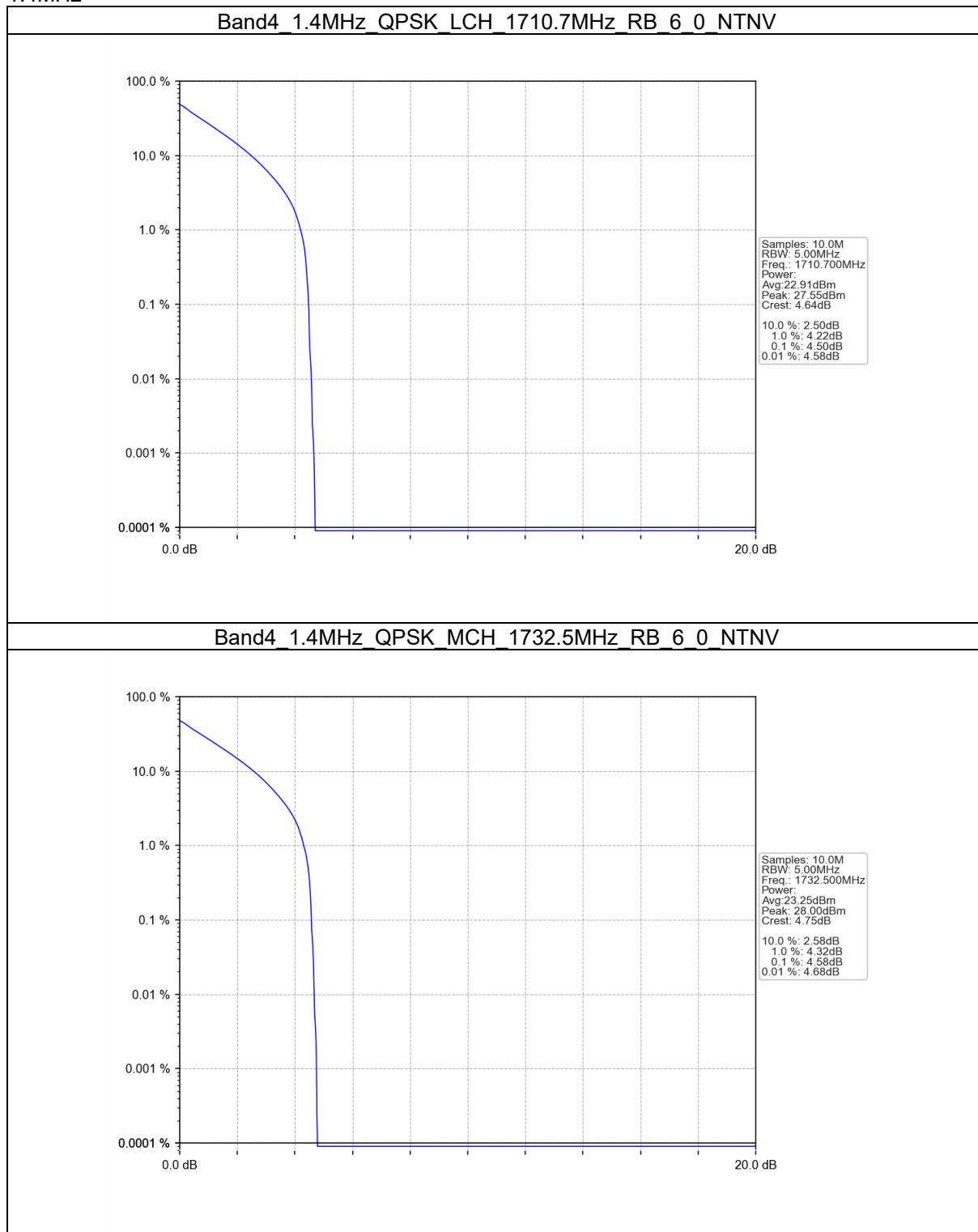
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.70	<=13	Pass
	1732.5	100	0	4.68	<=13	Pass
	1745	100	0	4.60	<=13	Pass
16QAM	1720	100	0	5.74	<=13	Pass
	1732.5	100	0	5.72	<=13	Pass
	1745	100	0	5.68	<=13	Pass
64QAM	1720	100	0	5.74	<=13	Pass
	1732.5	100	0	5.70	<=13	Pass
	1745	100	0	5.68	<=13	Pass



Test Report No.: RF260330B003

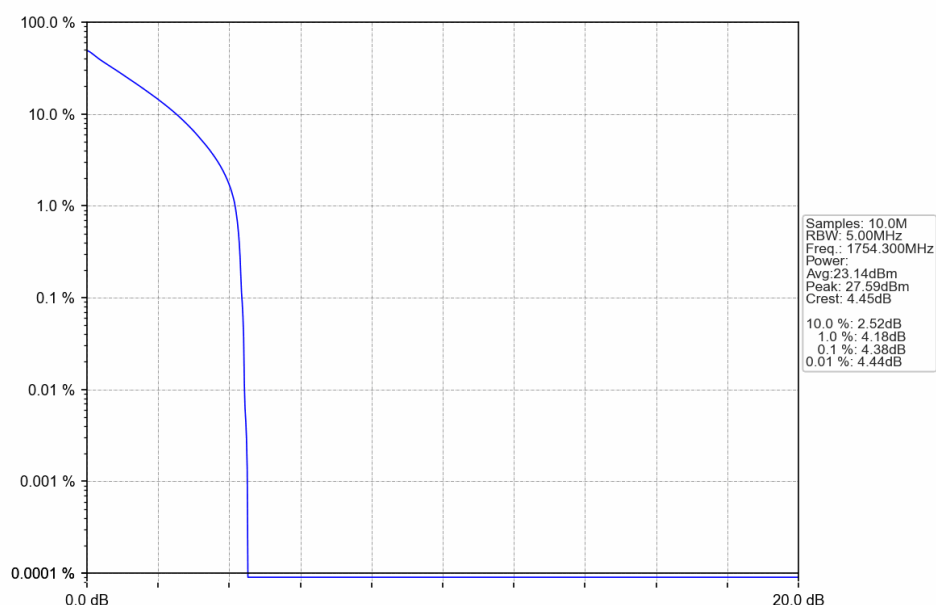
Test Graph

1.4MHz

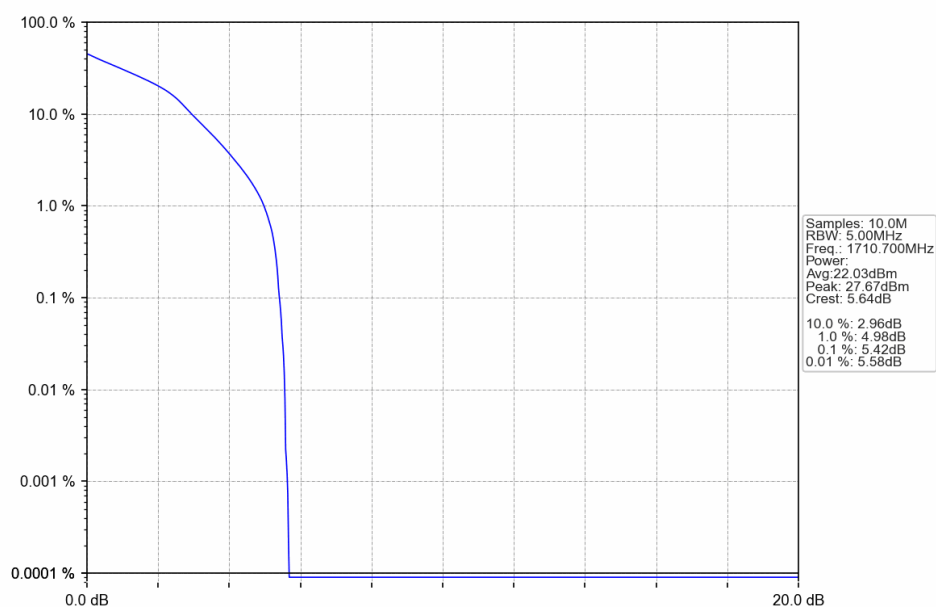


Test Report No.: RF260330B003

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



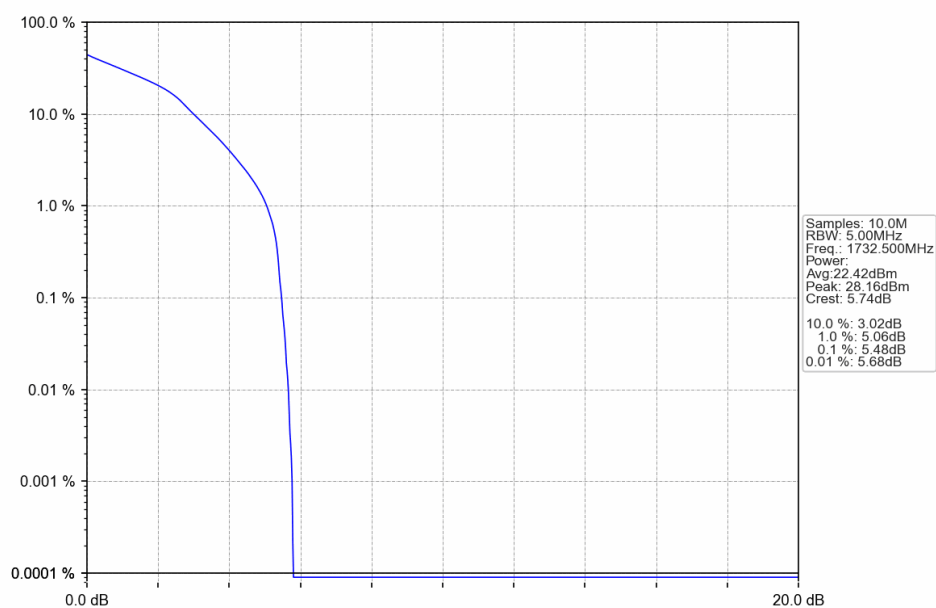
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



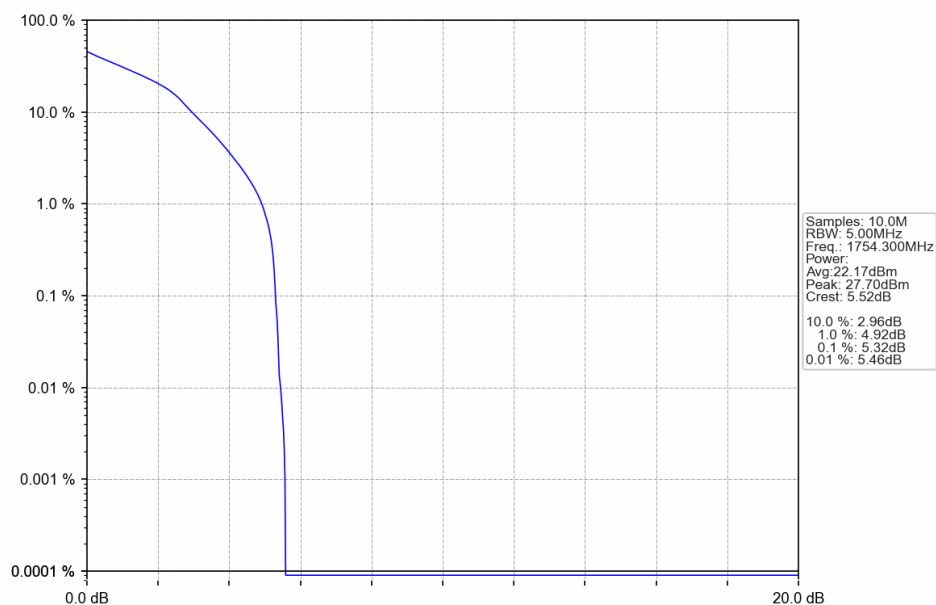


Test Report No.: RF260330B003

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

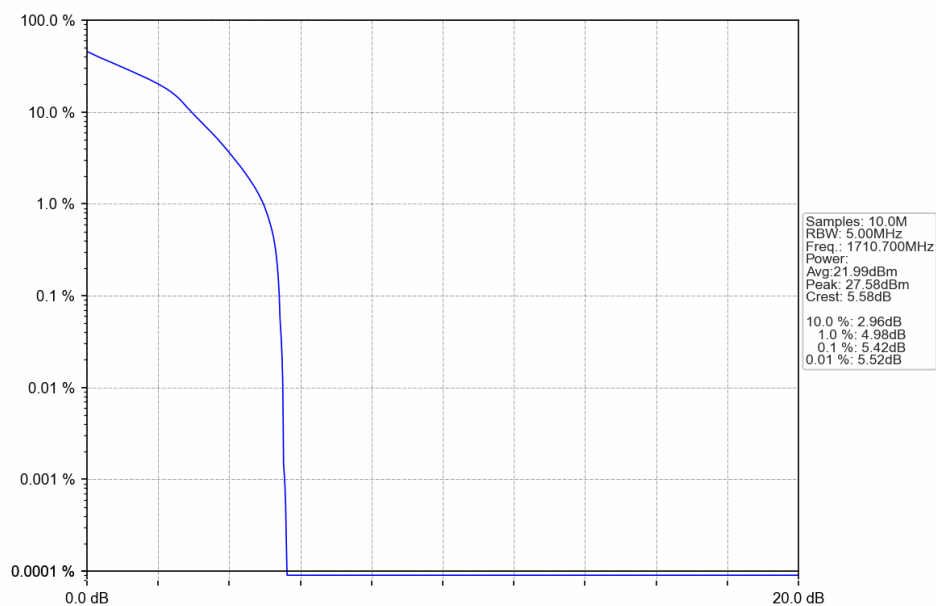


Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

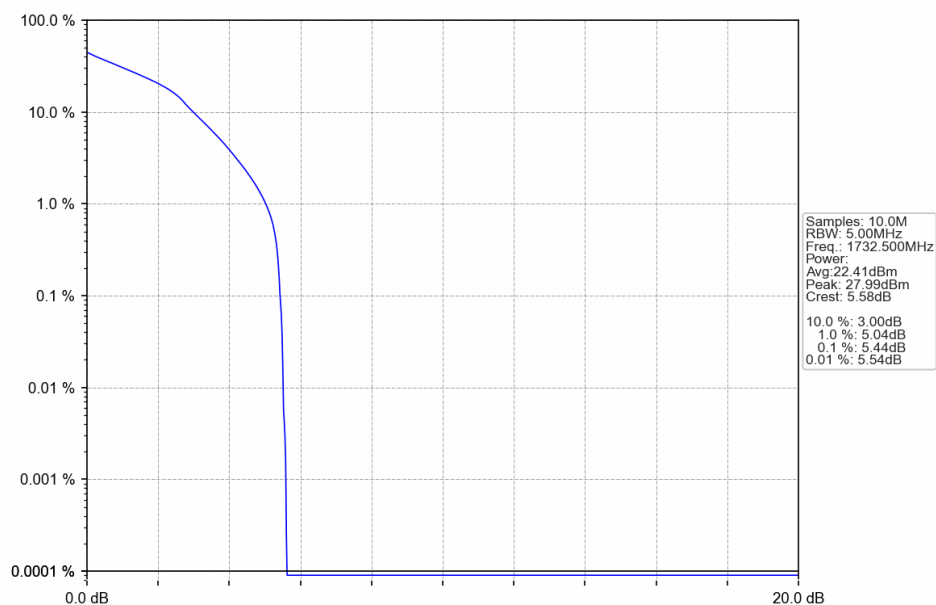


Test Report No.: RF260330B003

Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV

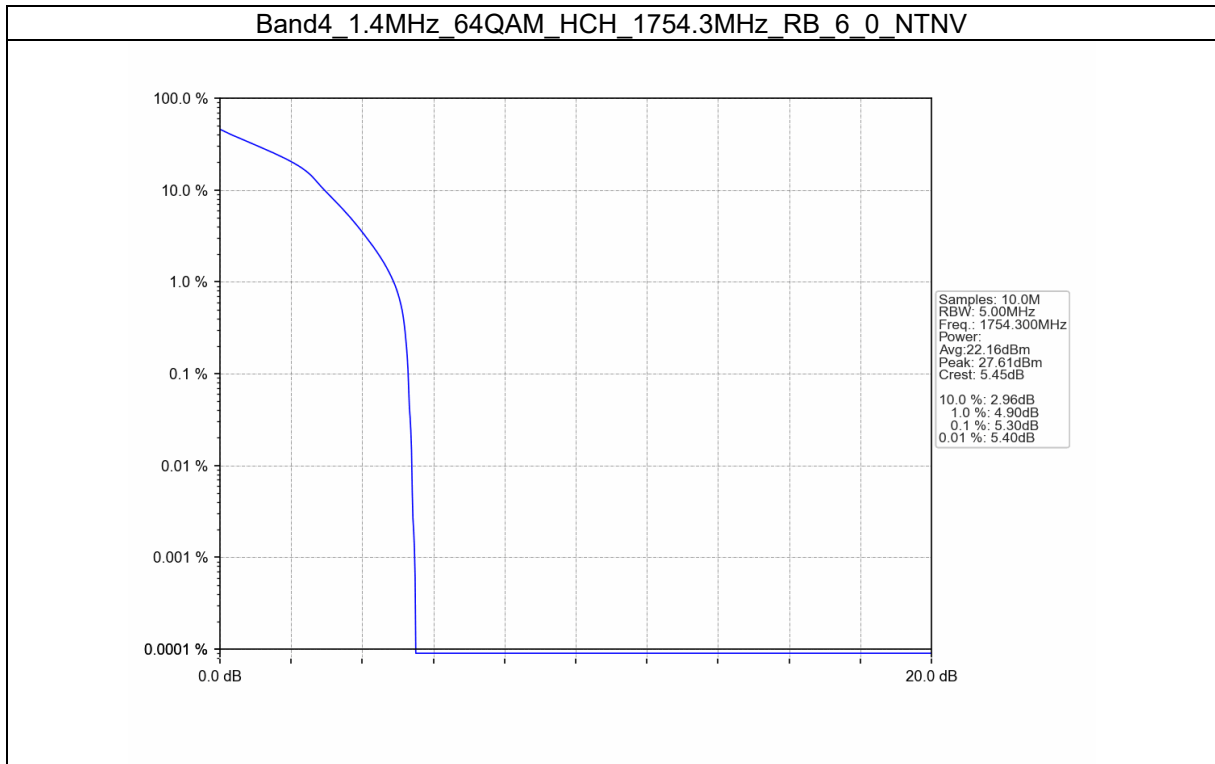


Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV





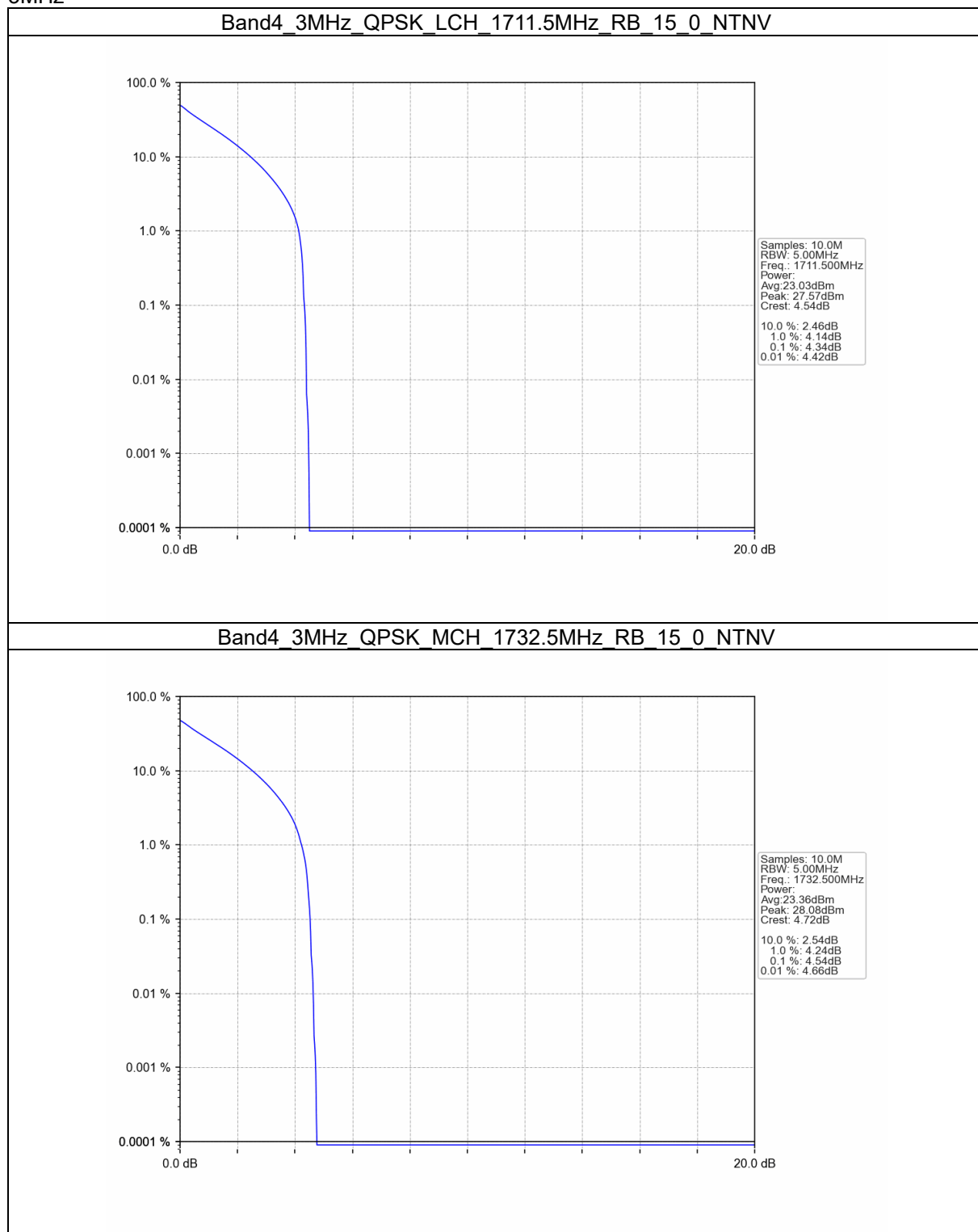
Test Report No.: RF260330B003





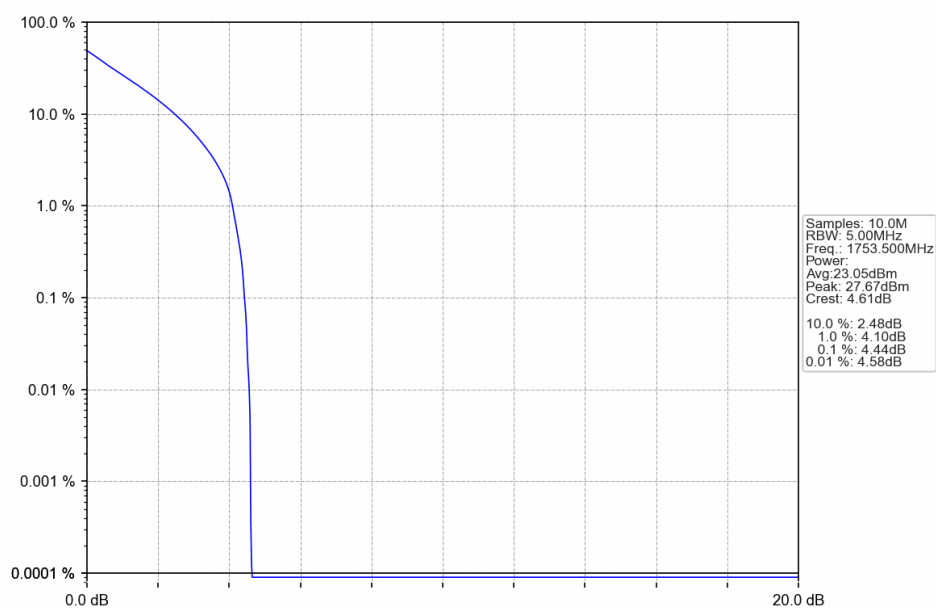
Test Report No.: RF260330B003

3MHz

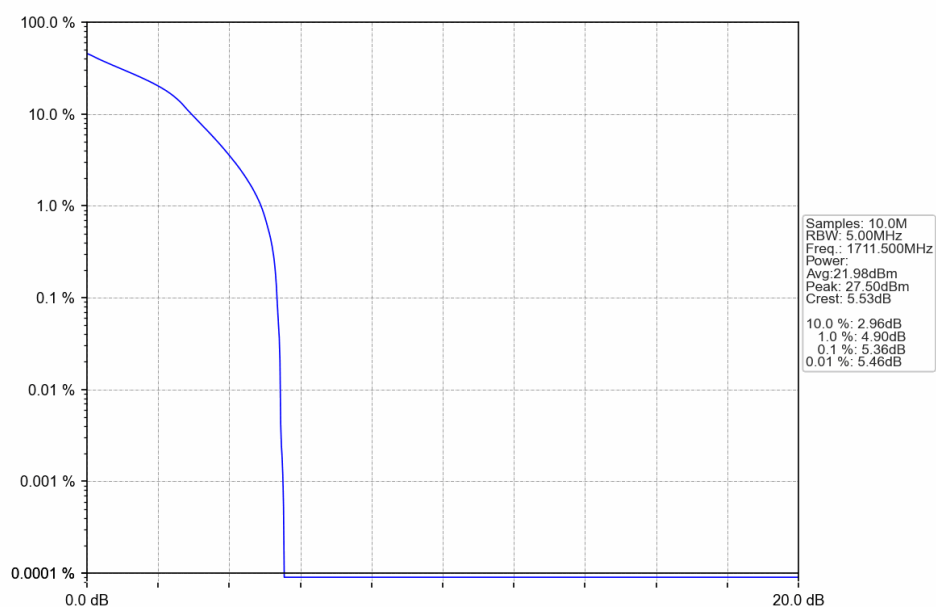


Test Report No.: RF260330B003

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

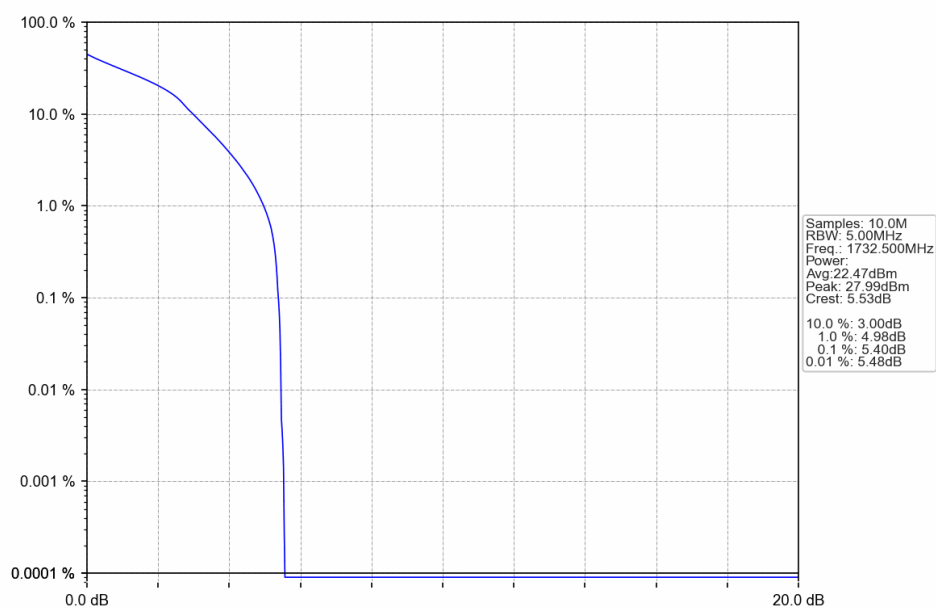


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

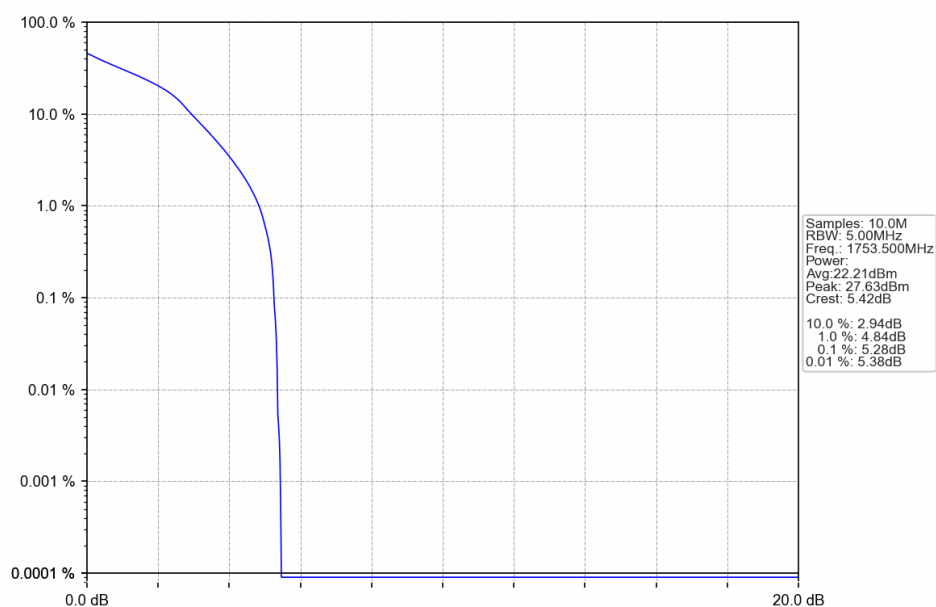


Test Report No.: RF260330B003

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

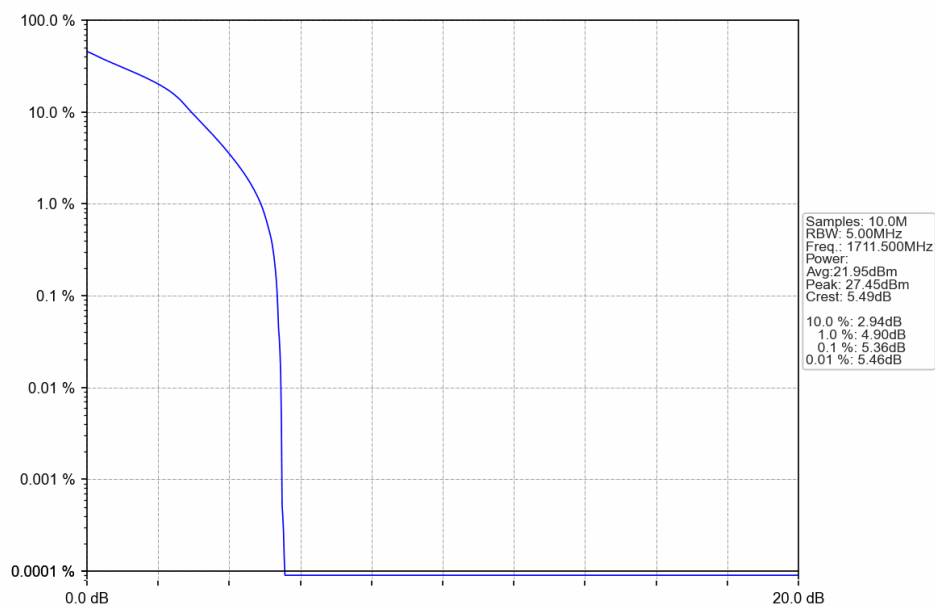


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

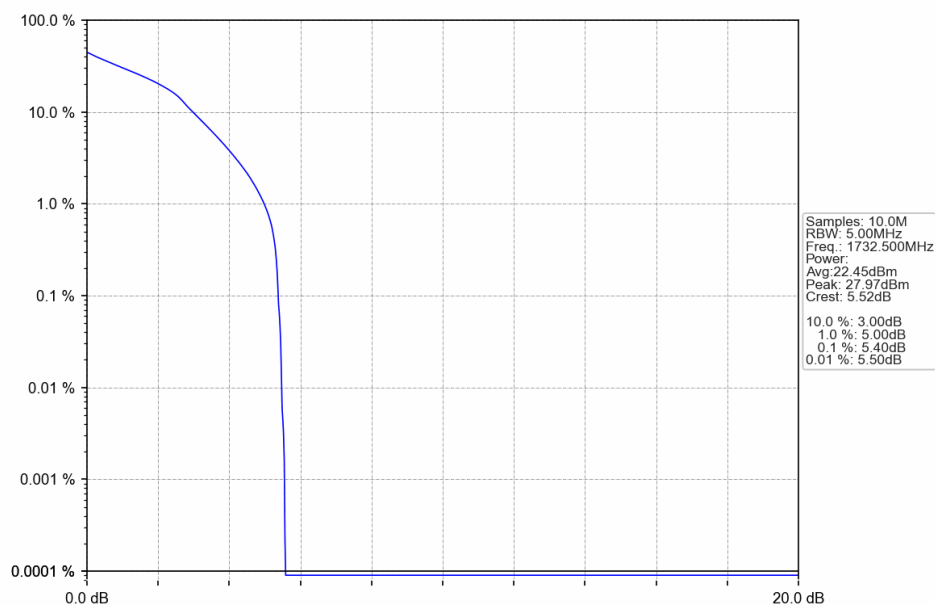


Test Report No.: RF260330B003

Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV

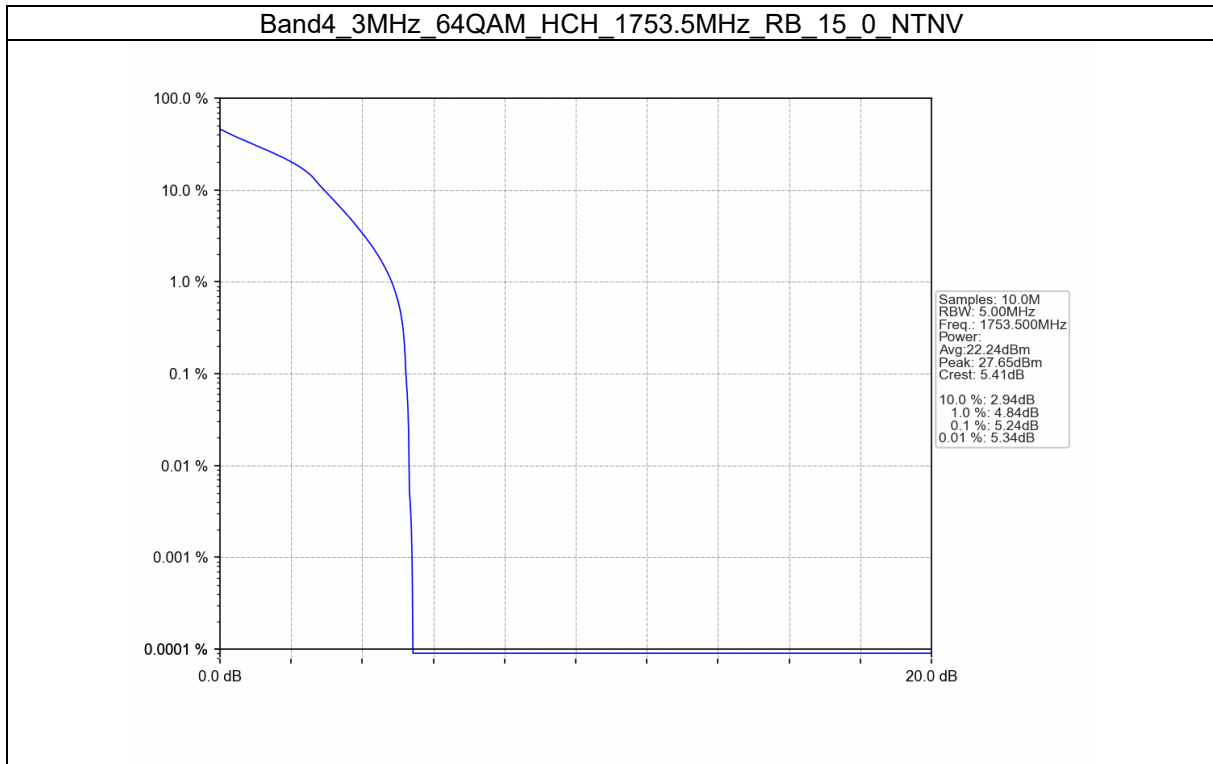


Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV





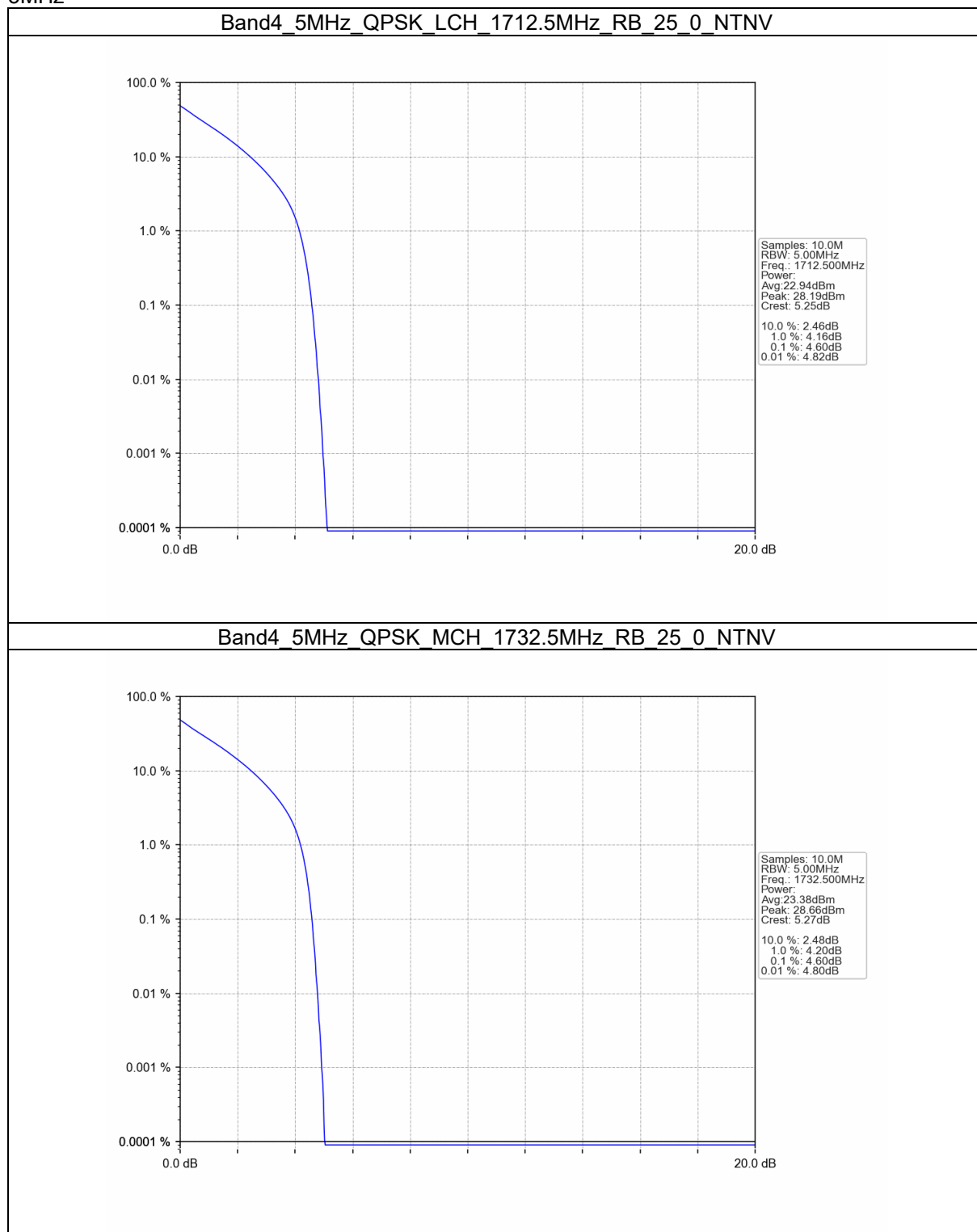
Test Report No.: RF260330B003





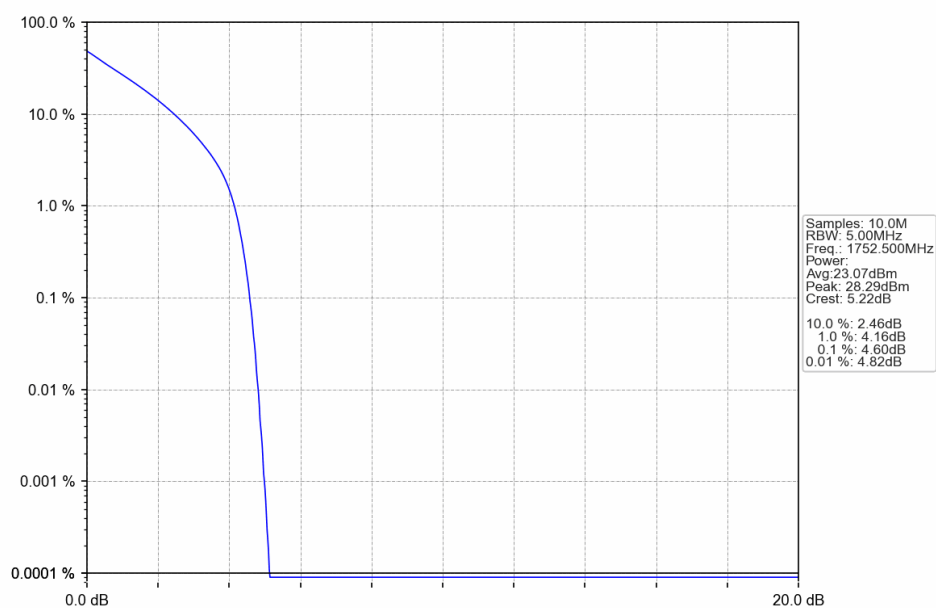
Test Report No.: RF260330B003

5MHz

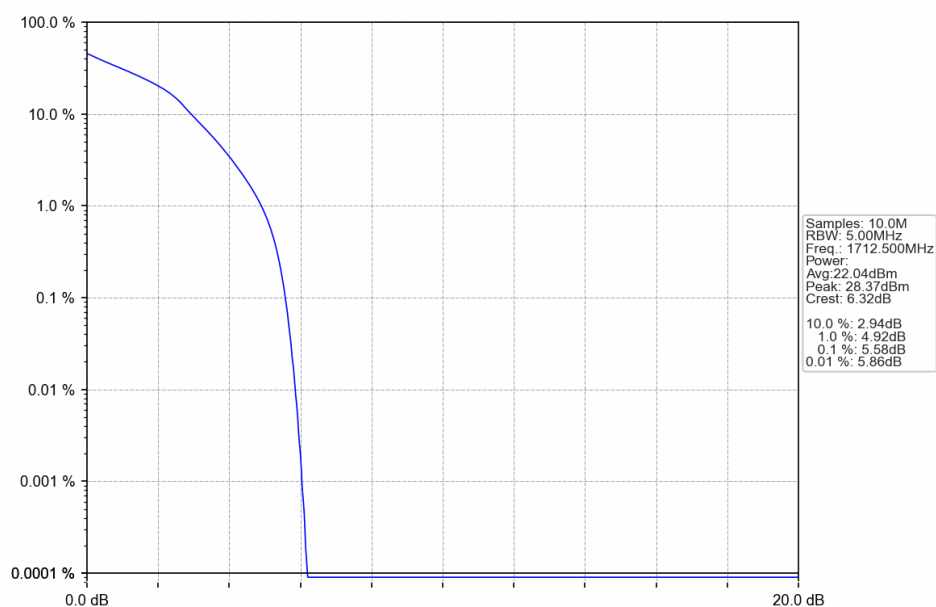


Test Report No.: RF260330B003

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

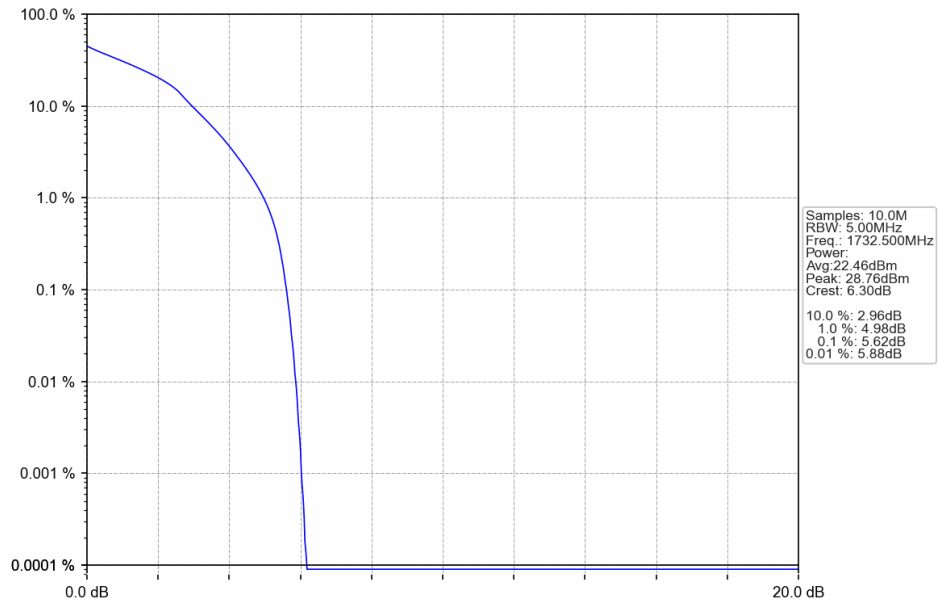


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

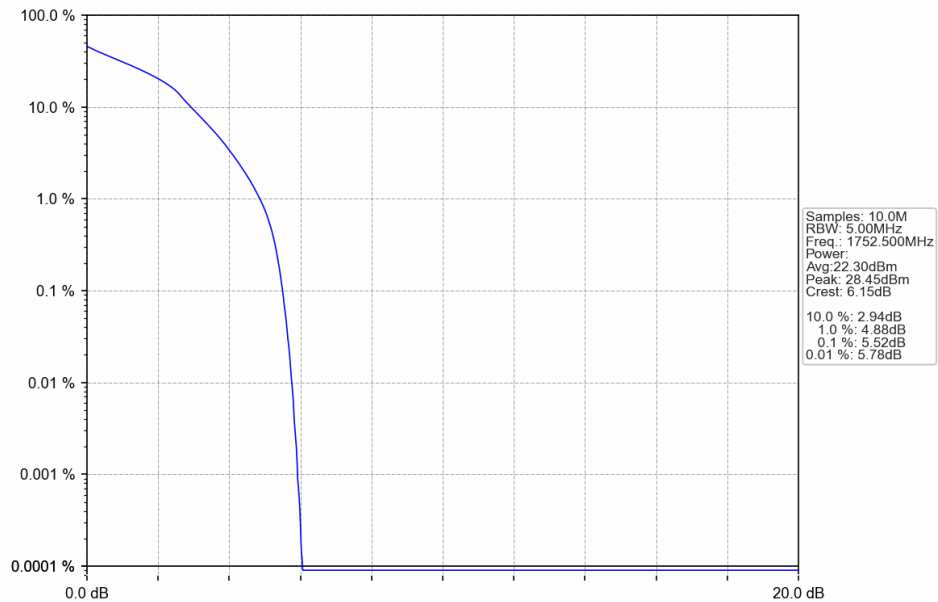


Test Report No.: RF260330B003

Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

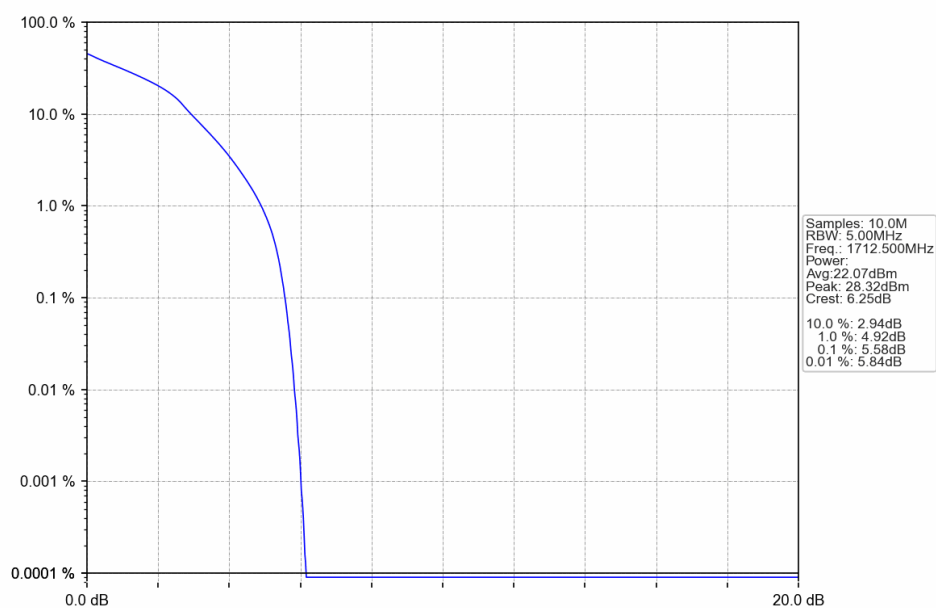


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

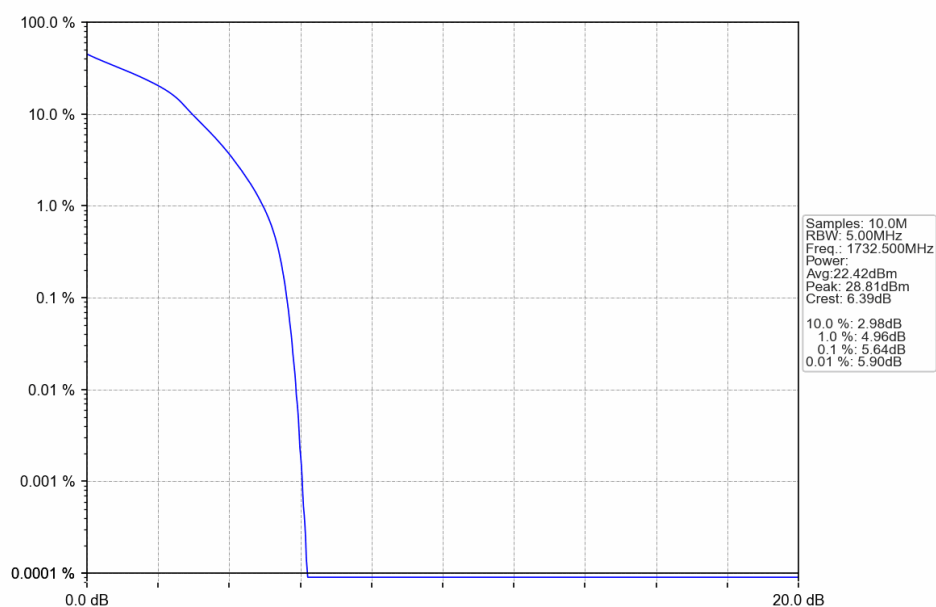


Test Report No.: RF260330B003

Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV

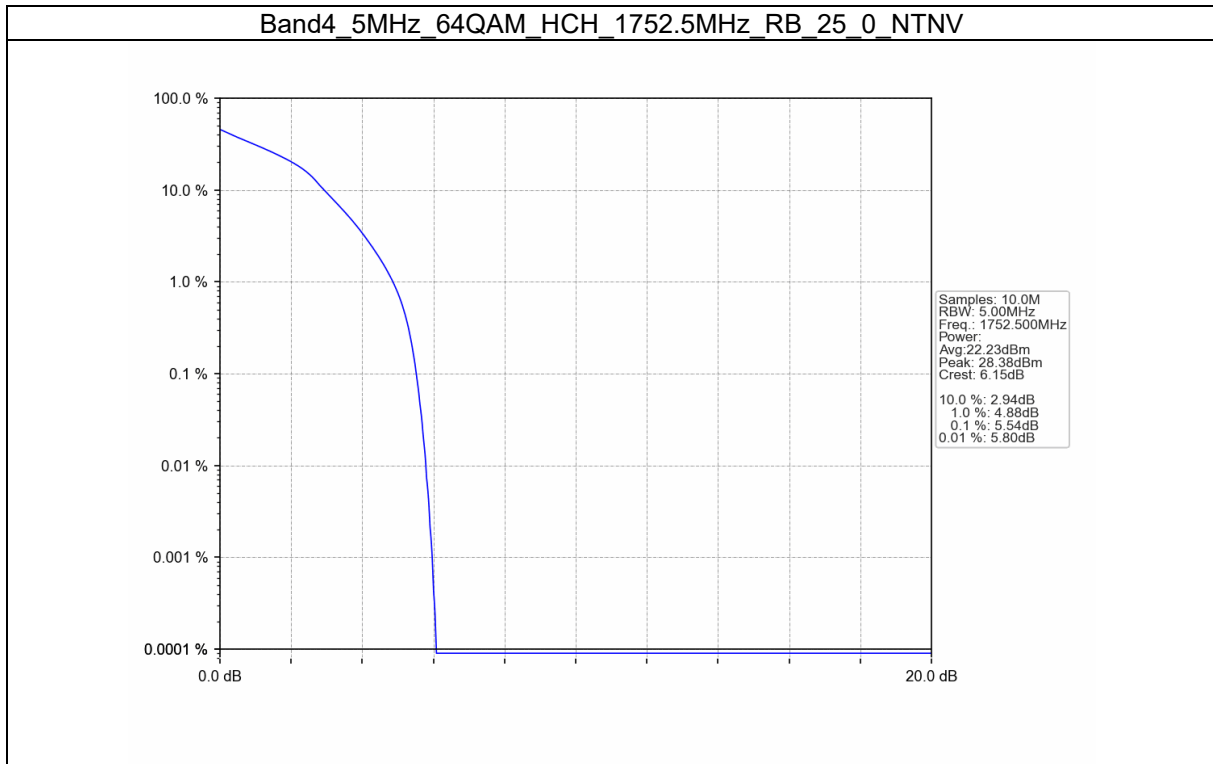


Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV





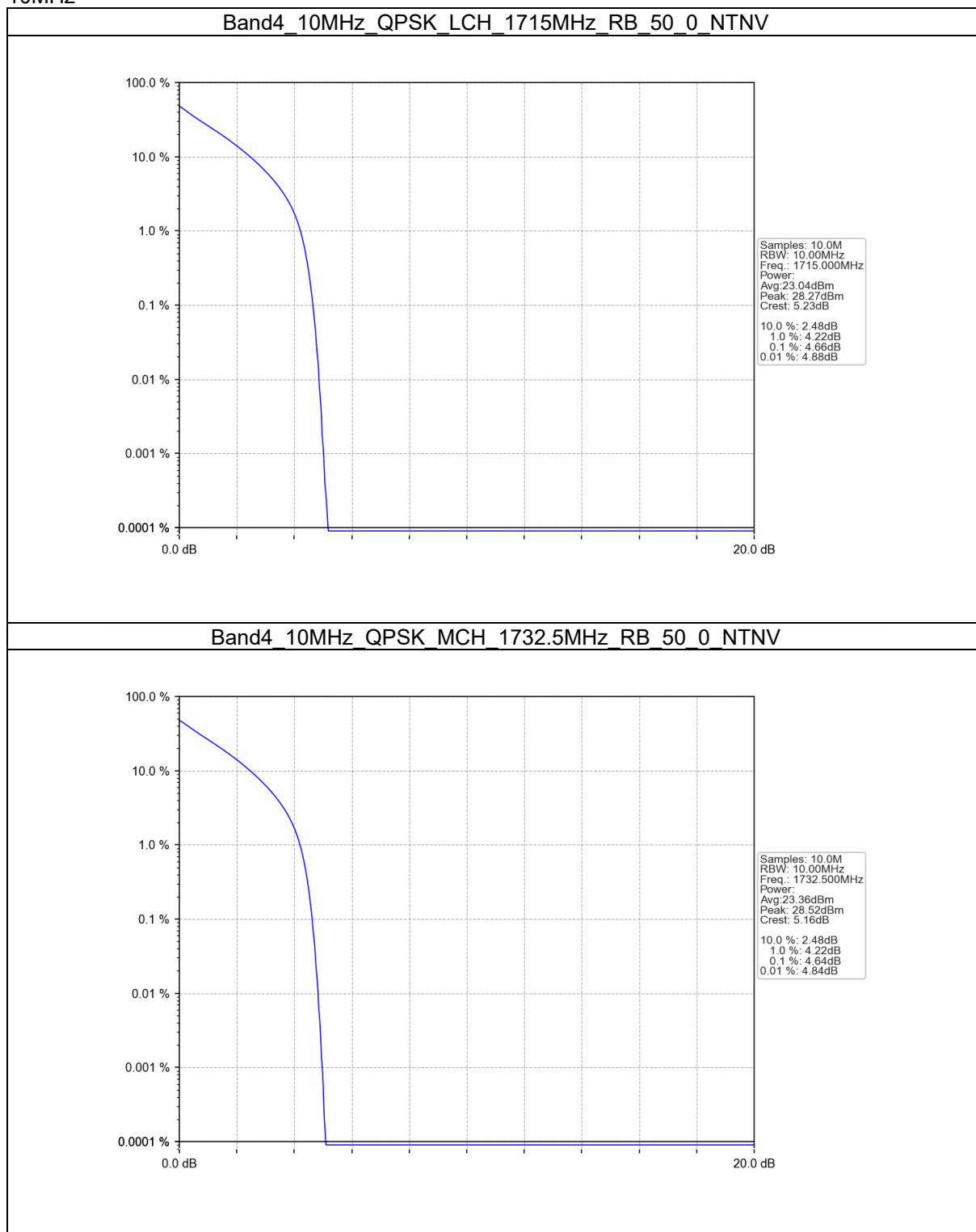
Test Report No.: RF260330B003





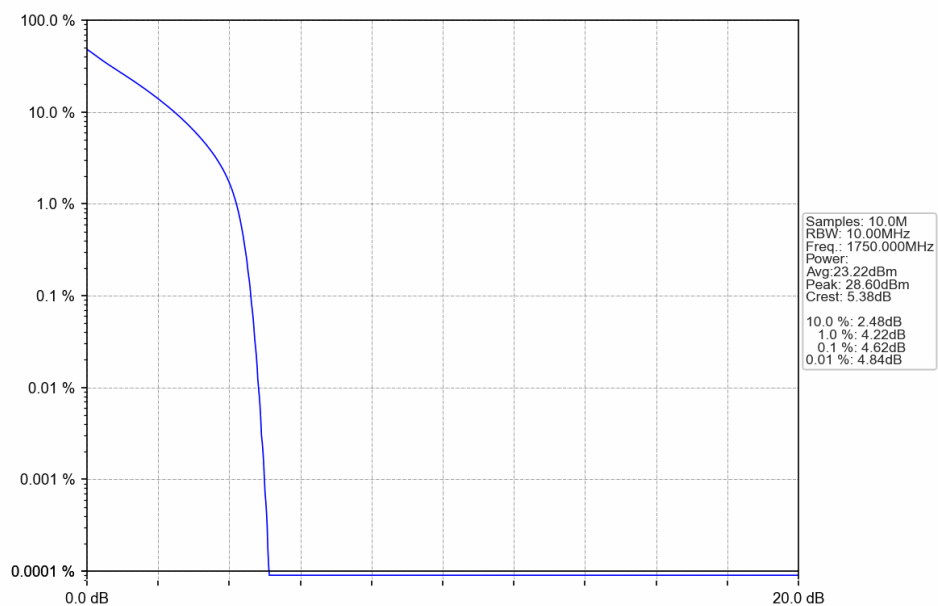
Test Report No.: RF260330B003

10MHz

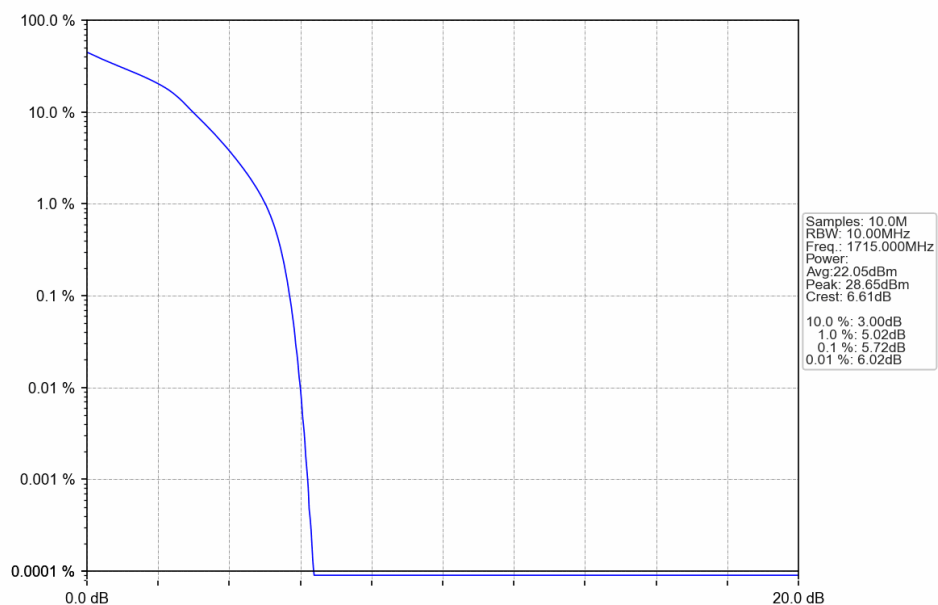


Test Report No.: RF260330B003

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

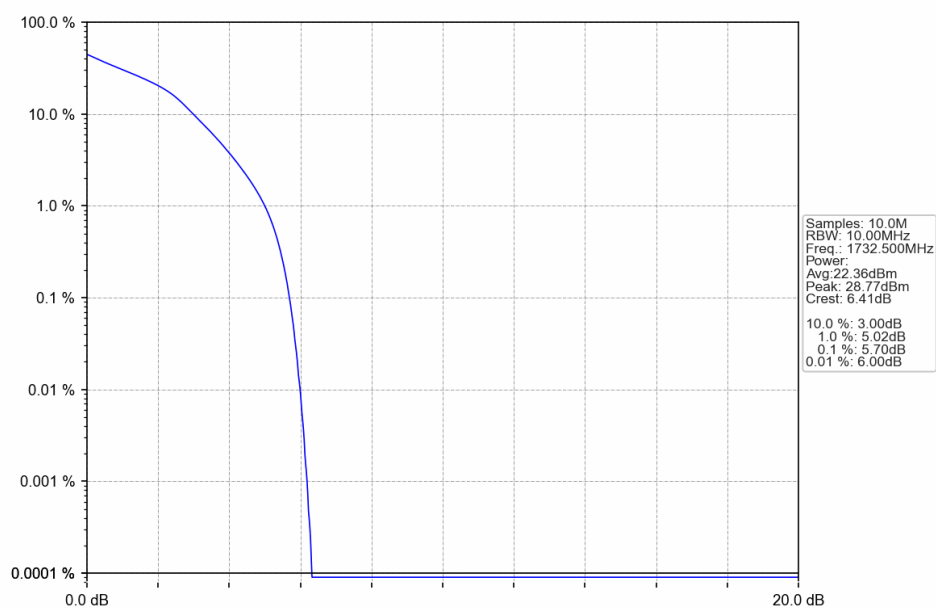


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

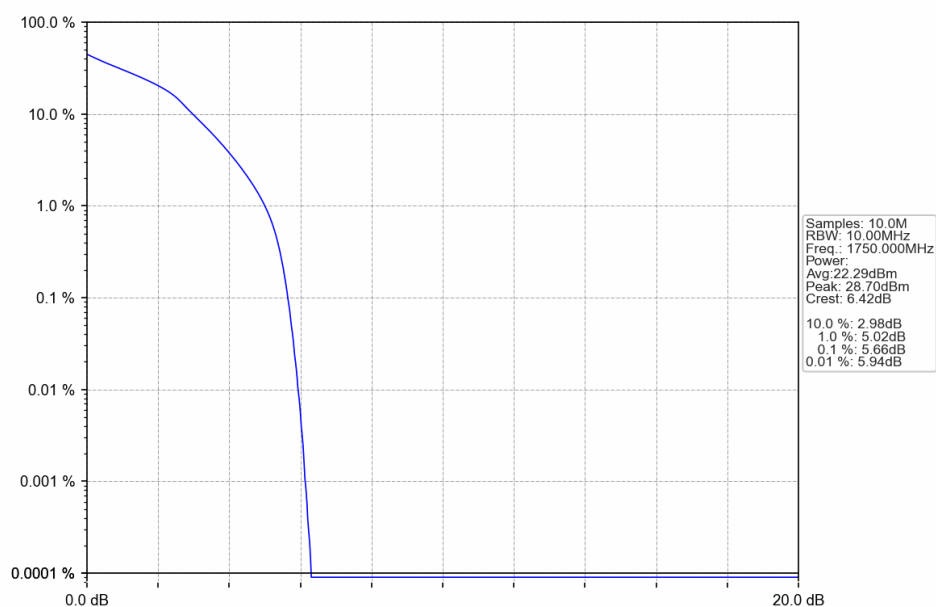


Test Report No.: RF260330B003

Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



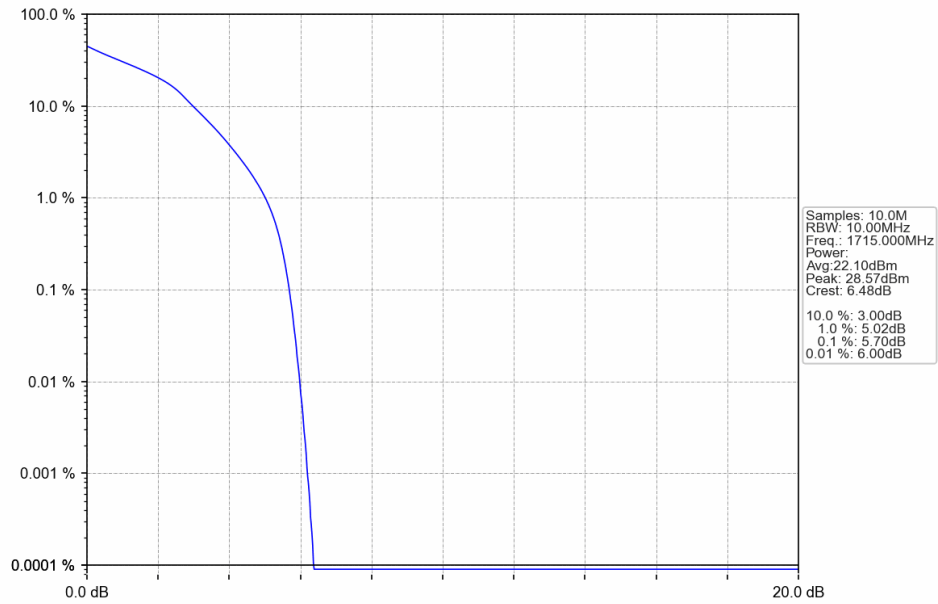
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



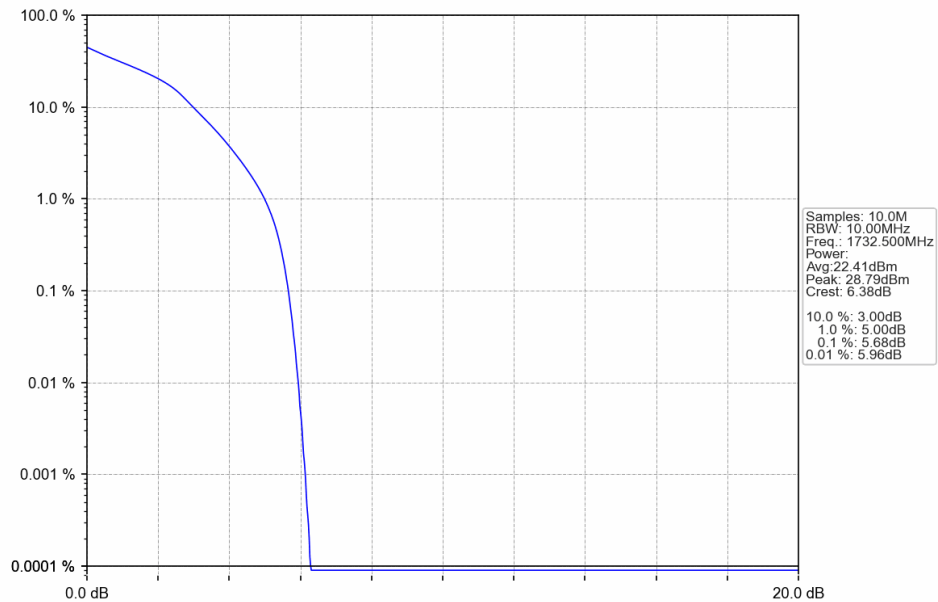


Test Report No.: RF260330B003

Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



Test Report No.: RF260330B003

